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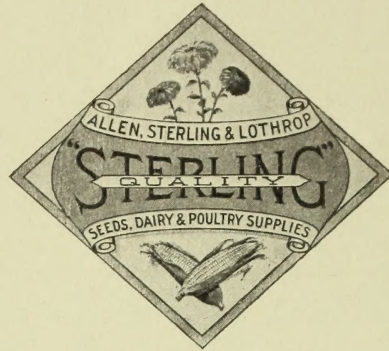
BUY AT THE NEW SEED STORE

ALLEN, STERLING & LOTHROP

49 EXCHANGE AND 64 MARKET STREETS

PORTLAND, - MAINE

This is the Mark of



RELIABILITY

IT IS THE TRADE MARK OF "STERLING"
QUALITY AND OUR GUARANTEE OF FULL
VALUE FOR EVERY DOLLAR THAT YOU
MAY SPEND IN THIS NEW STORE

Could any concern establish a more liberal or satisfactory policy for the protection of its customers? Although we are a new firm, having started in business in October, 1911, yet we have had many years of practical experience in handling the great variety of Seeds, Dairy and Poultry Supplies represented in our new and well selected stock. With scientific knowledge of these Specialties, and their adaptability to the individual needs of each customer, we are enabled to safeguard you against disappointment or possible financial loss. We offer you the entire service of this modern Supply House. We want you to trade with us whether your requirements are small or large. If this catalogue contains what you need, let us serve you. If it does not, tell us, so we may procure it for you. In any event, come to us or write us. ✻ ✻ ✻ ✻

Allen, Sterling & Lothrop

ALLEN, STERLING & LOTHROP

PORTLAND, MAINE

... INFORMATION AND SUGGESTIONS TO CUSTOMERS ...

Orders should be written on our order sheet or on a blank sheet separate from letter, preferably in ink, and to receive prompt attention should be directed to the firm and not to individuals.

FREE DELIVERY to any post office in the United States on all flower and vegetable seeds by the **PACKET, OUNCE, HALF-POUND and POUND**. Pints and quarts are not included, however, nor such seeds as we especially note in the catalogue.

By special arrangement with the express companies we can ship seeds and bulbs at a reduction of 20 per cent. from the regular rates. Unless otherwise instructed, we send orders from parties unknown to us, C. O. D.

How to Send Money. Money can be safely sent by Bank Check, Post-office Order, Express Money Order, Registered Letter, or Express. Postage Stamp remittances taken in amounts less than \$1.00. Customers who have no regular account with us will kindly remit the amount with their orders, or name business references, as customary before opening new accounts.

Safe Arrival of Packages. We endeavor to secure the safe arrival of packages of Seeds and Bulbs in good condition in every case. If a package is injured or lost, by Mail or Express, we will replace it as soon as informed of the fact. Frequently it happens that orders never reach us, or are without signature. When customers fail to receive their packages in a reasonable time, they should inform us, and at the same time send a copy of their order and any other information necessary to trace the goods. Complaints must be made on receipt of goods.

All orders, large or small, will receive our careful attention, and prompt shipment will be made.

Market Gardeners, Farmers' Clubs and Institutions wanting to purchase Seeds in large quantities should write for special prices. We have made prices very low in this Catalogue, yet when a number of bushels or pounds are wanted we can frequently supply at lower price than by the single pound or bushel. In writing give us a list of quantities and varieties required and we will return list promptly with our lowest price for the lot.

If You are Satisfied With Us, with the goods you receive, the treatment we give you and your general business relations with us, will you do us the favor of mentioning the fact to some of your neighbors? If we can please you we can please others, and we assure you that we will be careful to make your friends more than satisfied with the experiment.

We make no charge for packing boxes or shipping; bags charged at cost.

Some seeds are very short this season, particularly Peas and Beets. We would suggest that our patrons send us their orders as early as possible that there may be no disappointment in having the orders filled in full, as later in the season it will be impossible to procure some stocks at any price.

All telephone orders will be executed with special promptness. **Call 4234 Portland.**

Non-Warranty. — There are many contingencies constantly arising to prevent the best seeds from giving satisfaction. We aim to supply only the best quality of seeds and to be as represented. But it is impossible to guarantee seeds under all circumstances. We give no warranty, expressed or implied, as to description, quality or productiveness of any seeds, bulbs or plants, and will not in any way be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

Prices quoted in our Catalogue are subject to change without notice.

ALLEN, STERLING & LOTHROP, Portland, Maine

JANUARY 1, 1912

GENERAL LIST OF ..SELECT VEGETABLE SEEDS..

WE PAY POSTAGE OR EXPRESS CHARGES ON ALL SEEDS ORDERED BY THE PACKET, OUNCE, QUARTER POUND OR POUNDS.

ASPARAGUS

Sow the seeds thinly in April or May in rows one foot apart and one inch deep. When the plants are well up, thin to 3 or 4 inches apart in the rows.

The next season plant in rows 3 feet apart and 1 foot in the rows, covering the plants about 6 inches.

The soil should be thoroughly manured and trenched, at least 2 feet.

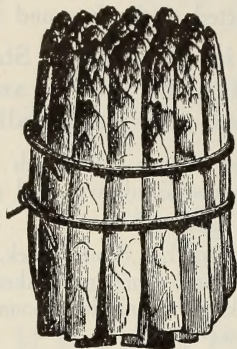
One ounce will sow 50 feet of drill.

Conover's Colossal. A standard sort of large size and excellent quality. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Palmetto. A standard light green variety. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Columbian Mammoth. A large white variety of fine flavor. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Early Giant Argenteuil. An early variety, being ten days earlier than the Palmetto, of larger size and superior flavor. One of the finest sorts in cultivation. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.



ASPARAGUS

BEANS, Dwarf

Plant in light, warm soil in the spring when danger from frost is past in drills from 2 to 3 feet apart, covering about 2 inches deep.

One quart is sufficient for 100 feet of drill; $1\frac{1}{2}$ bu. for 1 acre.

Pkt. 10c. each prepaid. If other quantities are wanted by mail, add at the rate of 5c. per pt., 10c. per qt., half pks. and half bus. at pk. and bu. rates.

BEANS, Green Podded

Bountiful. Early and prolific, flat green pods, cook tender. Pt. 15c., qt. 25c., 2 qts. 45c., $\frac{1}{2}$ pk. 80c., pk. \$1.50, bu. \$5.00.

Long Yellow Six Weeks. A leading market sort, long green pod. Pt. 15c., qt. 25c., 2 qts. 45c., $\frac{1}{2}$ pk. 80c., pk. \$1.50, bu. \$4.50.

Dwarf Horticultural. A fine shell bean with long green pods, very productive. Pt. 20c., qt. 30c., 2 qts. 55c., $\frac{1}{2}$ pk. 90c., pk. \$1.60, bu. \$5.50.

Burpee's Stringless Green Pod. Combines unusual hardness, extreme earliness and wonderful productivity. The pods are tender, brittle and of the finest flavor; always entirely stringless. Pt. 20c., qt. 30c., 2 qts. 55c., $\frac{1}{2}$ pk. 90c., pk. \$1.60, bu. \$5.50.

Goddard, or Improved Dwarf Horticultural. Long flat pods, used as a snap bean and as a shell bean when fully developed; very prolific. Pt. 20c., qt. 30c., 2 qts. 55c., $\frac{1}{2}$ pk. 90c., pk. \$1.60, bu. \$5.50.

Low's Champion. Very early, absolutely stringless, exquisite flavor, very productive. One of the finest snap beans, an excellent shell bean, and is of splendid flavor when cooked dry. Pt. 15c., qt. 25c., 2 qts. 45c., $\frac{1}{2}$ pk. 85c., pk. \$1.60, bu. \$4.75.

Early Mohawk. Large flat pods, early and productive. Pt. 20c., qt. 30c., 2 qts. 55c., $\frac{1}{2}$ pk. 90c., pk. \$1.60, bu. \$5.50.

Refugee, or Thousand to One.

The pods are light green, productive and fine for canning. Pt. 15c., qt. 25c., 2 qts. 45c., $\frac{1}{2}$ pk. 85c., pk. \$1.60, bu. \$5.50.

Burpee's Improved Bush Lima. Compared with Burpee's Bush Lima, both pods and beans are very much larger, while the beans, either green or dry, are nearly twice as thick and ready to market eight to ten days earlier.

Pt. 20c., qt. 35c., 2 qts. 65c., $\frac{1}{2}$ pk. \$1.20, pk. \$2.25.

Keeney's Stringless Green Refugee.

We give the Introducer's description.

"For more than twenty years we have been working to get the string out of the Old Thousand to One Round Pod Green Refugee and are pleased to say we have now succeeded.

"This new Bean can hardly be distinguished from the Old Thousand to One Green Refugee in plant or pod or seed. The season is practically the same, or possibly a few days earlier. The variety is very productive, the quality is superfine and the pod is perfectly stringless at all stages of development; even when the beans are old enough to shell, the pods are perfectly stringless." $\frac{1}{2}$ pt. 15c., pt. 25c., qt. 40c., $\frac{1}{2}$ pk. \$1.50, pk. \$2.75.

Giant Stringless Green Pod. A new variety possessing all the merits of the Round-Pod Valentine but is more prolific. Plants are of spring growth, pods stringless, crisp, round, full and fleshy. Pt. 18c., qt. 30c., 2 qts. 50c., $\frac{1}{2}$ pk. 90c., pk. \$1.50, bu. \$5.50.

Golden California Pea. The best sort for baking; a very hardy and prolific variety, having the richness and flavor not found in other varieties. We strongly recommend the planting of this variety. Pt. 15c., qt. 25c., 2 qts. 40c., $\frac{1}{2}$ pk. 75c., pk. \$1.25.

Yellow-Eyed. Very productive. Fine for baking, extensively grown as a dry bean for winter use. Pt. 10c., qt. 20c., 2 qts. 35c., $\frac{1}{2}$ pk. 65c., pk. \$1.15, bu. \$4.00.

Red Kidney. Fine for baking and a good shell bean. Pt. 15c., qt. 25c., 2 qts. 45c., $\frac{1}{2}$ pk. 80c., pk. \$1.25, bu. \$4.50.

Snowflake Pea. The best small white pea bean, early and productive. Qt. 20c., 2 qts. 35c., $\frac{1}{2}$ pk. 60c., pk. \$1.15, bu. \$4.00.



LOW'S CHAMPION
BUSH BEAN

BEANS, Wax Podded (Dwarf)

Sure Crop Stringless Wax. A Wax podded variety of remarkable growth and productiveness. Plants hardy and prolific; pods $7\frac{1}{2}$ inches long and about $\frac{1}{2}$ inch wide and of a rich yellow color, perfectly stringless, excellent for home and market gardens. Pkt. 10c., $\frac{1}{2}$ pt. 15c., pt. 25c., qt. 40c., $\frac{1}{2}$ pk. \$1.50, pk. \$2.75.

Burpee's Kidney Wax. More productive than Wardwell's Kidney Wax with pods of larger size; more handsome in appearance, entirely stringless and of a large flavoring quality. Free from blight and rust. Pt. 20c., qt. 35c., 2 qts. 65c., $\frac{1}{2}$ pk. \$1.10, pk. \$1.90.

Davis Kidney Wax. A white-seeded variety with long flat pods. Pt. 15c., qt. 25c., 2 qts. 45c., $\frac{1}{2}$ pk. 80c., pk. \$1.75.

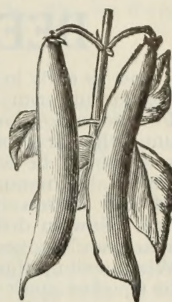
Improved Golden Wax. An early hardy variety, flat golden yellow pods. Pt. 18c., qt. 30c., 2 qts. 55c., $\frac{1}{2}$ pk. \$1.00, pk. \$1.75.

Wardwell's Kidney Wax. Early; long flat pods, stringless and brittle. Pt. 18c., qt. 30c., 2 qts. 55c., $\frac{1}{2}$ pk. \$1.00, pk. \$1.75.

Black Wax, Pencil Pod. Pods are long, pencil like, tender and brittle. In color they are a rich, dark yellow, hardy and productive. Pt. 18c., qt. 30c., 2 qts. 55c., $\frac{1}{2}$ pk. \$1.00, pk. \$1.75.

Currie's Rust Proof Wax. Long, yellow, flat pods, very tender and of fine quality. Pt. 18c., qt. 30c., 2 qts. 55c., $\frac{1}{2}$ pk. \$1.00, pk. \$1.75.

Golden-Eyed Wax. Hardy and prolific; usually grows free from rust. Pt. 15c., qt. 25c., 2 qts. 45c., $\frac{1}{2}$ pk. 80c., pk. \$1.75.



KIDNEY WAX
BEAN

BROAD WINDSOR (English)

The largest and best sort, very hardy. Plant as early in the spring as the ground can be worked, from 2 to 4 inches apart in drills 3 feet apart. Cover the seed about 4 inches. Pt. 20c., qt. 35c., 2 qts. 60c., $\frac{1}{2}$ pk. \$1.10, pk. \$2.00.

BEANS, Pole

Plant in hills 4 feet apart, 4 or 5 beans to a hill. Poles should be firmly set before planting.

London Horticultural. An old favorite, early and prolific, excellent quality either as a snap or shell bean or for cooking dry. Pt. 15c., qt. 25c., 2 qts. 45c., $\frac{1}{2}$ pk. 85c., pk. \$1.60.

Carmine Podded Horticultural. Pods bright carmine. Both pods and beans are much larger than the London Horticultural. An excellent variety for the market or the home garden. Pt. 20c., qt. 35c., 2 qts. 60c., $\frac{1}{2}$ pk. \$1.15, pk. \$2.00.

Red Cranberry. The pods are green, large and tender; one of the best snap beans. Pt. 15c., qt. 25c., 2 qts. 45c., $\frac{1}{2}$ pk. 85c., pk. \$1.60.

Lazy Wife's. Beans white; pods green, very thick, meaty, entirely stringless, very productive. Pt. 15c., qt. 25c., 2 qts. 45c., $\frac{1}{2}$ pk. 85c., pk. \$1.60.

Kentucky Wonder. A long, green podded variety, very prolific and of fine quality. Pt. 15c., qt. 25c., 2 qts. 45c., $\frac{1}{2}$ pk. 85c., pk. \$1.60.

Indian Chief, or Black Wax. A tender snap bean of superior quality. Pods flat, golden yellow, hardy and productive. Pt. 18c., qt. 30c., 2 qts. 55c., $\frac{1}{2}$ pk. 95c., pk. \$1.50.

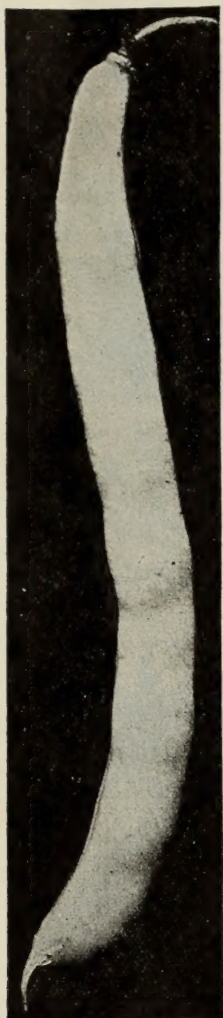
King of the Garden Lima. Large fine pods, vigorous and productive. The beans are of good size and of excellent quality. Pt. 20c., qt. 35c., 2 qts. 65c., $\frac{1}{2}$ pk. \$1.10, pk. \$1.85.

Large White Lima. A very popular variety. Beans are large and tender and of excellent flavor. Pt. 20c., qt. 35c., 2 qts. 65c., $\frac{1}{2}$ pk. \$1.10, pk. \$1.85.

Small White Lima. Early and hardy. Beans small, good quality. Pt. 20c., qt. 35c., 2 qts. 65c., $\frac{1}{2}$ pk. \$1.10, pk. \$1.85.

Scarlet Runner. An ornamental climber with bright scarlet flowers. Pt. 20c., qt. 35c., 2 qts. 60c., $\frac{1}{2}$ pk. \$1.00.

White Runner. Similar to the above, flowers being white. Pt. 20c., qt. 35c., 2 qts. 60c., $\frac{1}{2}$ pk. \$1.00.



SURE CROP STRINGLESS
WAX BEAN



LONDON
HORTICULTURAL
BEAN

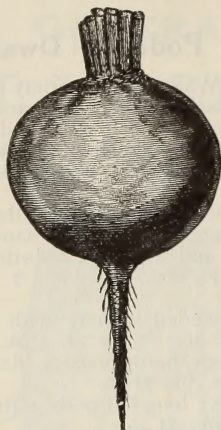


BEET

Sow as early in the spring as the ground can be worked. For succession sow at intervals until the first of July. The soil should be well enriched with stable manure and plowed and harrowed until very fine. Sow in drills 15 inches apart and cover one inch. When well up thin out from 4 to 6 inches apart in the rows. *One ounce to fifty feet of drill; six pounds to the acre.*

Eclipse. A standard variety, early, and of good quality, very uniform.

Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.



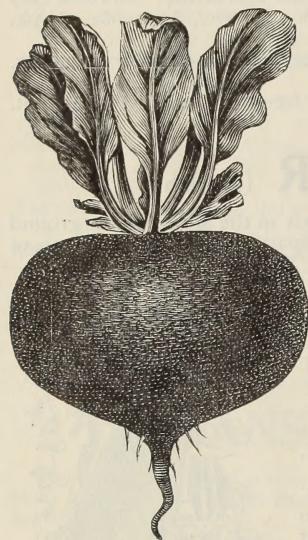
ECLIPSE BEET

Dirigo Extra Early.

A rich, blood-red beet of fine grain and flavor, earlier than the Egyptian or the Eclipse. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Crosby Egyptian. An extra early sort for gardeners' use and for the home garden, of superior quality. Pkt. 5c., oz. 20c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Edmand's Blood Turnip. A medium early sort, deep red, popular with market gardeners. The seed stock we offer is of superior quality. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.



EDMAND'S BLOOD BEET

Early Bassano. One of the early varieties; white and rose in color. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

Detroit Dark Red. A blood-red, early, turnip shaped variety; skin and flesh a dark blood red, very tender and sweet, uniform in growth, and a desirable sort for market gardens. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Dewing's Blood Turnip. A standard variety of fine quality. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

Long Smooth Blood Red. A large late sort. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Swiss Chard or Spinach Beet

The leaves are used as greens, and served like spinach. The mid-ribs may be cooked like Asparagus. Cuttings may be used all summer as it can be cut down to the ground and new shoots will soon spring up and make fast growth.

Swiss Chard or Silver Leaved. Grown for its leaves only. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Swiss Chard Lucullus. The largest and best. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.



SWISS CHARD OR SPINACH BEET

Mangel-Wurzel and Sugar Beets

Grown for feeding stock. Sow in May or June in drills 2 inches deep about 2 feet apart, thin out to 10 inches apart.

Mammoth Long Red. This variety produces roots of mammoth size, and are enormously productive. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Norbiton Giant.

A standard variety. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Golden Tankard.

Bright yellow, hardy and a good yielder. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Gatepost. The largest yellow Mangel small top, single tap root and a heavy cropper. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

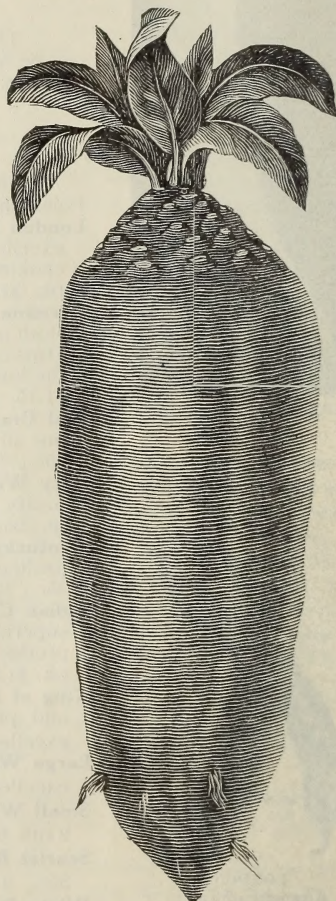
Carter's Orange Globe.

A good cropper on light soil. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Lane's Imperial Sugar Beet.

An improved variety on the White French Sugar, and often yielding a crop as large as the best Mangel. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Wanzleben. Very rich in sugar, roots conical, yielding heavy crops. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.



MAMMOTH LONG RED MANGEL-WURZEL BEET

Brussels Sprouts

Cultivate the same as cabbage. The sprouts resemble miniature cabbage and are very tender.

Improved Dwarf. A standard sort. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c.

Improved Long Island. The finest variety, very compact sprouts. Pkt. 10c., oz. 30c., 2 oz. 55c., $\frac{1}{4}$ lb. \$1.00.

Broccoli

A vegetable much resembling cauliflower.

White Cape. The most desirable variety. Pkt. 5c., $\frac{1}{2}$ oz. 20c., oz. 35c., $\frac{1}{4}$ lb. \$1.25.



BRUSSELS SPROUTS

Chives

Hardy perennial plants grown for their tops which are used as a salad and for flavoring soups. Seed per

pkt. 10c., oz. 50c. Roots per bus. 15c., 25c. by mail, prepaid.

Chervil

An aromatic sweet herb used for flavoring and garnishing.

Curled. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Chicory

The roots when dried and ground are used as a substitute for coffee; cultivation the same as the carrot.

Large Rooted. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Cress or Peppergrass

Sow thickly early in the spring on rich soil in drills 10 or 12 inches apart and make frequent sowings every two weeks. Cover seed about $\frac{1}{4}$ inch.

Extra Curled. Fine flavor, may be cut several times. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Carter's Parsley Curled. Broad leaves, curled like parsley, fine for garnishing. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Water Cress. Sow in spring near the margin of ponds or running streams. Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

CABBAGE

The cabbage is an important crop and should be planted in fresh rich soil, well manured and deeply dug or plowed. For early use sow in a hot-bed in March, transplant to the open ground when danger from frost is past. Plant the early sorts about 18 inches in the rows and the late sorts about 2 feet in the rows and the rows about 3 feet apart. For the late crops sow in the open ground in June. Our cabbage seed is grown from selected stock and is equal to any offered in the market.

One ounce will produce about 2,000 plants.

Copenhagen Market. A new, extra early variety; heads ball shaped, large and solid with few outside leaves. The stem is of medium height, valuable for market gardeners. Pkt. 10c., $\frac{1}{2}$ oz. 35c., oz. 60c., 2 oz. \$1.00, $\frac{1}{4}$ lb. \$1.75.

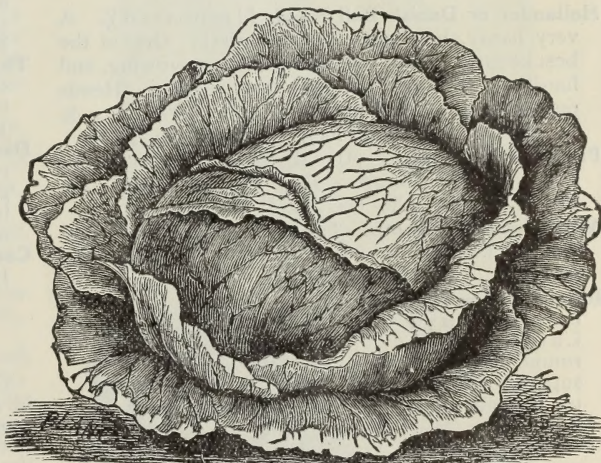
Early Spring. Flat, extra early, solid heads, uniform in size. Pkt. 5c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Express, Extra Early. The earliest variety, small solid heads, maturing about one week earlier than the Jersey Wakefield. Pkt. 5c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Early Jersey Wakefield. A standard early market variety, conical shape and good quality; heads uniform and solid. Pkt. 5c., $\frac{1}{2}$ oz. 20c., oz. 30c., 2 oz. 55c., $\frac{1}{4}$ lb. 90c., lb. \$2.75.

Charleston Wakefield. Large solid heads, about one week later than the Early Jersey Wakefield. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., $\frac{1}{4}$ lb. 80c., lb. \$2.50.

Henderson's Early Summer. A popular second early sort, heads round, medium size, very solid and compact. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c., lb. \$2.25.



FOTTLER'S IMPROVED BRUNSWICK CABBAGE

Early Winningstadt. A hardy sort, heads conical shape, solid. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 65c., lb. \$2.00.

Fottler's Improved Brunswick. A fine summer or early fall variety, producing large, solid heads of fine quality with few outer leaves. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c., lb. \$2.25.

All Seasons. Large heads, round and very solid and sure heading; nearly as early as the Early Summer. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 70c., lb. \$2.25.

Succession. A good second early cabbage; similar to All Seasons. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 70c., lb. \$2.25.

CABBAGE — Continued

Warren's Stone Mason. An improvement on Stone Mason, round, medium sized, solid heads, a good keeper. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Danish Ball Head. This variety produces large, round and compact heads, strong and vigorous in growth. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 75c., lb. \$2.25.



HOLLANDER CABBAGE

Hollander or Danish Ball Head (Imported). A very hardy, handsome, solid variety. One of the best keepers; plant vigorous, compact growing, and hardy in resisting cold and dry weather. Heads medium size, round and very solid. Pkt. 5c., $\frac{1}{2}$ oz. 25c., oz. 40c., 2 oz. 70c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Premium Flat Dutch. An old, standard, late variety; large, solid, flat heads. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 65c., lb. \$1.75.

Marblehead Mammoth. The largest variety of Drum-heads. Pkt. 5c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Improved American Savoy. Large, solid, round heads, of superior quality, tender and good flavor, the best variety for family use. Pkt. 5c., $\frac{1}{2}$ oz. 20c., oz. 30c., 2 oz. 50c., $\frac{1}{4}$ lb. 90c., lb. \$2.50.

Red Danish Stone-head (New). One of the largest and most solid and compact of the red varieties, sure heading and tender. Pkt. 10c., $\frac{1}{2}$ oz. 30c., oz. 50c., 2 oz. 90c., $\frac{1}{4}$ lb. \$1.50.

Mammoth Red Rock. Heads dark red and solid, fine for pickling. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 70c., lb. \$2.25.



IMPROVED AMERICAN SAVOY CABBAGE

CAULIFLOWER



CAULIFLOWER

The soil that will grow cabbage will grow cauliflower. It should be made richer and thoroughly worked before planting. For the early crop, sow the seeds in a hot-bed in February or March and transplant to cold frames two or three inches apart each way. They should be planted in the garden early in May. For the late cauliflower, plant in the open ground in June and transplant in July.

One ounce will produce 2,000 plants.

Extra Early Dwarf Erfurt. Of dwarf growth with large, snow white heads of regular shape; good for forcing. Pkt. 25c., $\frac{1}{4}$ oz. \$1.00, oz. \$2.50.

Earliest Dwarf Snowball. The earliest cauliflower in cultivation, absolutely sure to head when conditions are ordinarily favorable. Plants are very dwarf and of compact growth with large, firm, snow white heads. Pkt. 25c., $\frac{1}{4}$ oz. \$1.00, oz. \$2.50.

Thorburn's Gilt Edge. One of the finest sorts in cultivation; forms a perfect snow white head. A little later than the Extra Early varieties. Pkt. 25c., $\frac{1}{4}$ oz. \$1.00, oz. \$2.50.

Danish Giant or Dry Weather. This variety is about two weeks later than the Snowball. It is of dwarf growth producing large, hard and snow white heads fully protected by its foliage. Pkt. 25c., $\frac{1}{4}$ oz. \$1.00, oz. \$3.00.

Carter's Autumn Giant. A large, late sort. Pkt. 10c., oz. 75c.

CARROT

Carrots do best in a good, light and rich soil. Sow in April or May for the early crop and for the main crop sow in May or June in drills about $\frac{1}{2}$ inch deep in rows 14 inches apart and thin plants 3 to 4 inches in the rows.

One ounce to 150 feet of drill; 4 pounds to an acre.

Early Scarlet Forcing. The earliest variety for forcing, small round roots and excellent flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Early Scarlet Horn. A favorite early variety, of fine flavor and excellent for the table. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Danver's Half-Long. The best sort for the main crop, dark orange color, growing very smooth, yielding large crops, and is a splendid keeper; roots medium length tapering uniformly to a blunt point. Pkt. 5c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Improved Long Orange. Deep orange color, roots of large size and a good keeper; extensively grown

CARROT—Continued

for stock feeding. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Guerande or Oxheart. Medium early, short and thick, and a good cropper. Pkt. 5c., oz. 20c., 2 oz. 35c. $\frac{1}{4}$ lb. 60c., lb. 2.00.

Large White Belgian. Very productive and largely used for feeding stock. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 65c.



OXHEART CARROT

CELERYPARIS GOLDEN
SELF-BLANCHING

For early celery sow the seed of the self-blanching sorts in a hot-bed early in the spring. As soon as the plants are 3 inches high, transplant in the frames in well-enriched soil 4 inches apart. Cut them once or twice before setting them out in May or June to make them stocky. When about six inches high transplant into trenches wide enough to hold two rows. The rows should be about 1 foot apart and the plants set about 8 inches apart. For winter celery start the seeds in flats as for early only a little later. As the plants grow they should be

earthed up to blanch, taking care not to cover the center of the plant.

One ounce of seed will produce about 4,000 plants.

Paris Golden Self-Blanching (French grown). The finest early celery grown, easily blanched and of excellent flavor, solid and crisp. Pkt. 10c., $\frac{1}{2}$ oz. 60c., oz. \$1.00, $\frac{1}{4}$ lb. \$3.00.

White Plume. A desirable early variety, requiring very little labor in blanching. Pkt. 10c., $\frac{1}{2}$ oz. 15c., oz. 25c., $\frac{1}{4}$ lb. 60c.

Boston Market. White, solid, crisp and tender; the best late variety. Pkt. 10c., $\frac{1}{2}$ oz. 30c., oz. 50c., $\frac{1}{4}$ lb. \$1.50.

Giant Pascal. A tall growing sort, blanches early and keeps well. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Souy Celery. For flavoring. Oz. 5c., $\frac{1}{4}$ lb. 10c., lb. 30c.

CORN, Sweet

Plant in hills 3 to 4 feet apart each way, dropping six seeds in each hill or in drills 3 to 4 feet apart. The seeds should be covered about 2 inches. In this climate Sweet Corn should not be planted before the middle of May.

Pkts. 10c. each prepaid. If other quantities are wanted by mail add at the rate of 5c. per pint and 10c. per quart; half pecks and half bushels, at peck and bushel rates.

Peep-O'-Day. Extra early and sweet, 2 to 3 ears to the stock. Pkt. 10c., pt. 18c., qt. 30c., 2 qts. 50c., $\frac{1}{2}$ pk. 85c., pk. \$1.35.

Early Red Cory. A popular early variety. Pkt. 10c., pt. 15c., qt. 25c., 2 qts. 40c., $\frac{1}{2}$ pk. 70c., pk. \$1.25, bu. \$4.00.

Early White Cory. Differs from the above in color of cob. Pkt. 10c., pt. 15c., qt. 25c., 2 qts. 40c., $\frac{1}{2}$ pk. 70c., pk. \$1.25, bu. \$4.00.

Burbank's Early Maine. A popular early sort, white cob, fair sized ears. Pkt. 10c., pt. 15c., qt. 25c., 2 qts. 40c., $\frac{1}{2}$ pk. 70c., pk. \$1.25, bu. \$4.00.

Burpee's Golden Bantam. Early, hardy, and of the most delicious flavor; being of a dwarf growth the stocks can be grown closely together in the row. Pkt. 10c., pt. 18c., qt. 30c., 2 qts. 50c., $\frac{1}{2}$ pk. 85c., pk. \$1.25.

Morse's Golden Cream (New)

A cross between Country Gentleman and Golden Bantam. With the irregular shoe peg kernels of the former and the early habit and golden color of the latter, it combines the delicious, juicy and sweet flavor of both.

Mr. Morse describes the Golden Cream as "of unsurpassed flavor, sweet, tender and delicious and the finest table corn."

We would recommend our customers to give it a trial. Pkt. 10c., $\frac{1}{2}$ pt. 15c., pt. 25c., qt. 40c.



ELLIS-CROSBY SWEET CORN

Ellis-Crosby Extra Early. An extra early and productive variety, ripening nearly as early as the Cory, growing very dwarf with ears set low, averaging

CORN—Continued

from 16 to 20 rows; an excellent variety for market gardens, very sweet and tender. The seed we offer was specially grown for us in New England for our retail trade. Pkt. 10c., pt. 20c., qt. 35c., $\frac{1}{2}$ pk. \$1.00, pk. \$1.75.

Early Crosby. About ten days later than the Ellis-Crosby; largely used for canning. Pkt. 10c., pt. 15c., qt. 25c., 2 qts. 40c., $\frac{1}{2}$ pk. 70c., pk. \$1.10, bu. \$4.00.

Early Minnesota. A standard early variety. Pkt. 10c., pt. 15c., qt. 25c., 2 qts. 40c., $\frac{1}{2}$ pk. 70c., pk. \$1.10, bu. \$3.75.

Black Mexican. Very sweet and tender, medium early. Pkt. 10c., pt. 15c., qt. 25c., 2 qts. 40c., $\frac{1}{2}$ pk. 70c., pk. \$1.25, bu. \$4.00.

Stowell's Evergreen. A late standard sort of excellent quality. Pkt. 10c., pt. 15c., qt. 25c., 2 qts. 40c., $\frac{1}{2}$ pk. 70c., bu. \$3.75.

Potter's Excelsior. Good sized ears and well filled. Pkt. 10c., pt. 15c., qt. 25c., 2 qts. 40c., $\frac{1}{2}$ pk. 70c., pk. \$1.00, bu. \$3.75.

Country Gentleman. A large, late variety of excellent quality. Pkt. 10c., pt. 15c., qt. 25c., 2 qts. 40c., $\frac{1}{2}$ pk. 75c., pk. \$1.25, bu. \$4.00.

CUCUMBER

For general crop plant when the ground has become warm, in hills 4 feet apart each way. Thin out to 4 plants to each hill after all danger of insects is over. For very early cucumbers sow about April 1st in a hot-bed on a piece of sod, grass side down so that they can be easily transplanted to the open ground when danger of frost is over.

One ounce will plant fifty hills; two pounds will plant an acre.

Early Russian. One of the earliest varieties, grows from 3 to 4 inches long. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 90c.

Early Cluster. An early sort growing in clusters. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 85c.

Early Frame or Short Green. A well-known variety used for slicing and pickling. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Cumberland. Fine variety for pickling or slicing. Vines are of strong growth and prolific and continue in bearing a long time. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 85c.

Improved White Spine. One of the most popular varieties in cultivation. The fruit is light green with

white spines, uniform in size and very productive. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 85c.

Long Green. An old standard variety. Fruit from 10 to 12 inches long, dark green and crisp. Pkt. 5c., oz. 10c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Boston Pickling. This variety is largely planted for pickles. Fruit medium size, smooth, light green and very productive. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Davis Perfect. For forcing or outdoors. The fruit is of fine form, of a rich dark green color, very few seeds, tender, brittle and of fine flavor. Pkt. 5c., oz. 10c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

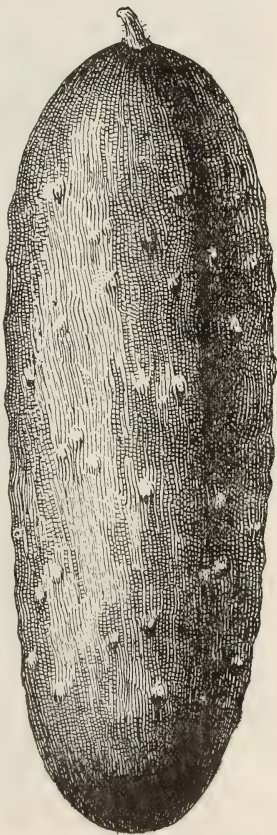
Klondike. A medium early cucumber of very dark green color and an excellent quality for slicing; vine very hardy and productive. The fruits when mature are about 8 inches long. Its uniform size and shape and splendid color makes this variety very popular as a shipping sort. Pkt. 5c., oz. 10c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Japanese Climbing. A quick growing sort, throwing out tendrils which enables them to climb poles or trellises. Fruit from 12 to 16 inches long. Pkt. 5c., oz. 15c., 2 oz. 20c., $\frac{1}{4}$ lb. 35c., lb. \$1.25.

West India Gherkin. A small prickly variety grown only for pickles. Pkt. 5c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 60c.



IMPROVED WHITE SPINE CUCUMBER



KLONDIKE CUCUMBER

Dandelion



DANDELION

One of the earliest and most popular of spring greens. Sow in May in drills 12 inches apart; cover the seed $\frac{1}{4}$ of an inch deep. The following spring the plants will be ready for cutting.

One ounce to 200 feet of drill.

Improved Thick-Leaved. A carefully selected strain; popular with market gardeners. Pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 45c., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

Egg Plant

Sow the seeds in hot-beds very early in the spring and transplant when about 3 inches high into small pots or another hot-bed. Do not plant out in the open ground until the weather has become warm and settled.

One ounce will produce about 1,000 plants.

New York Improved Purple. This variety produces fruit of large size, nearly round, dark purple and excellent quality. Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 35c., $\frac{1}{4}$ lb. \$1.25.

Black Beauty. A valuable early sort, about ten days earlier than the New York Improved; color a rich purplish black. Pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 45c., $\frac{1}{4}$ lb. \$1.50.

Endive

For early use sow as early in the spring as the ground can be worked in drills 15 inches apart. Transplant to 1 foot each way. When full grown tie the outer leaves at the top to blanch them.

One ounce will produce 3,000 plants.

Green Curled. A standard sort for fall and winter. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c.

White Curled. A fine, white curled variety, self-blanching. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c.

Broad-Leaved Batavian. A variety growing very compact, very tender and of fine flavor. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c.

Kale

Sow from May to June, broadcast or in drills, cover $\frac{1}{2}$ inch, cultivate the same as cabbage.

One ounce to 150 feet of drill.

Dwarf Green Curled Scotch. A fine, low-growing variety, the leaves densely crimped and curled; very hardy and productive. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 75c.

Kohl Rabi

Seed should be sown in drills as early in the spring as possible. When well established, thin to six inches apart. The bulb grows entirely out of the ground.

Early White Vienna. A very early sort, excellent quality, flesh white and tender. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 70c.

Early Purple. Similar to the above except in color. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 70c.

Leek

Plant in the spring in a light, well-enriched soil in drills 1 foot apart. Cover the seed about one inch and thin to 9 inches apart in the drills. Draw earth up to them as they grow.

One ounce of seed to 150 feet of drill.

London Broad Flag. A strong growing sort with broad leaves. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Musselburgh. Leaves large and broad. Pkt. 5c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 60c., lb. \$1.50.

LETTUCE

For summer use the seed can be sown in hot-beds in March. Transplant when the weather will permit in rows 12 inches apart and 8 inches apart in the rows. For a succession sow in the open ground every two weeks until fall. Lettuce requires a rich and a rather

moist soil. The more rapid the growth, the better the quality.

One ounce of seed will produce about 3,000 plants.

Hittinger's Belmont Forcing. Heads of larger size than the White-Seeded Tennis Ball, nearly as early and of crisp and tender quality; a superior forcing variety. Pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 40c., $\frac{1}{4}$ lb. \$1.00.



TENNIS BALL LETTUCE

White-Seeded Tennis Ball, or Boston Market. A well known forcing variety. Pkt. 5c., $\frac{1}{2}$ oz. 10c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Black-Seeded Tennis Ball. A favorite variety for outdoor crop, forms close, hard heads that are crisp and tender. Pkt. 5c., $\frac{1}{2}$ oz. 10c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Early Curled Simpson. Very early, forms a close, compact mass of leaves. Pkt. 5c., $\frac{1}{2}$ oz. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Boston Curled. Leaves beautifully curled, very attractive on table. Pkt. 5c., $\frac{1}{2}$ oz. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Grand Rapids. A very popular variety, leaves crimped, very attractive, matures quickly; the heads are dark green, very crisp and tender. Pkt. 5c., $\frac{1}{2}$ oz. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Hanson. A large, solid variety. Pkt. 5c., $\frac{1}{2}$ oz. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

May King. Large, round, solid heads, one of the best varieties for planting in open ground. Pkt. 5c., $\frac{1}{2}$ oz. 12c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.60.

Deacon. Large, solid heads, a fine summer variety. Pkt. 5c., $\frac{1}{2}$ oz. 10c., oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Big Boston. Fine for forcing on open ground, large, solid heads. Pkt. 5c., $\frac{1}{2}$ oz. 10c., oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Salamander. Fine compact heads, resists summer heat. Pkt. 5c., $\frac{1}{2}$ oz. 10c., oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Mignonette. Small, solid, compact, creamy, yellow heads; leaves russet colored, very early and hardy, splendid quality. Pkt. 5c., $\frac{1}{2}$ oz. 12c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.60.

Brown Dutch. An early sort with loose heads tinged with brown. Pkt. 5c., $\frac{1}{2}$ oz. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Crisp as Ice. Large, solid heads, yellow heart, outside dark green and bronze. Pkt. 5c., $\frac{1}{2}$ oz. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Romaine or Cos Varieties

Paris White Cos. An early sort with long, narrow leaves. Pkt. 5c., $\frac{1}{2}$ oz. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

Trianon, Self-Folding Cos. Requires no tying to blanch, very crisp and tender. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., $\frac{1}{4}$ lb. 60c., lb. \$1.75.

MELON

Melons succeed best in light, sandy, rich soil. After all danger of frost is past plant in hills 4 to 6 feet apart each way, six to ten seeds to a hill. When about 3 inches high and all danger from insects is past thin out to 3 or 4 plants to a hill.

MELON, Musk

One ounce to 60 hills; two to three pounds to one acre.

Emerald Gem. Fruit of medium size, very early and of fine flavor; flesh deep orange. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Miller's Cream or Osage. Most delicious flavor, flesh salmon color, very thick and finely netted. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Paul Rose. Fruit is nearly round, flesh is of deep orange color, very sweet. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Burrell's Gem. Dark salmon flesh, delicious flavor. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Hackensack. Large size, round, flesh light green, early and productive. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Rockyford. A popular market variety. The fruit is oval, medium size, finely netted. Flesh light green and very sweet. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Long Yellow. Very light variety, slightly ribbed and thickly netted; flesh salmon yellow and sweet. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

MELON, Water

Plant in hills 8 feet apart and cultivate the same as for Musk Melon.

One ounce for 30 hills; four pounds for one acre.

Cole's Early. One of the best early varieties, medium size, nearly round, flesh dark red and excellent quality. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Fordhook Early. Very early, good size, color medium green, flesh red and of good quality. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Phinney's Early. Early and productive, flesh red. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Vick's Early. Early, of medium size, pink flesh. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Ice Cream. Nearly round, medium size, flesh scarlet. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Mountain Sweet. An old variety, flesh red. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Citron. Used for preserves; white flesh, hardy and productive. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Martynia

The seed pods which are produced in great abundance are gathered when young and tender for pickling. Sow in the open ground in May, 3 feet apart each way.

Proboscidea. The most productive variety. Pkt. 5c., $\frac{1}{2}$ oz. 20c., oz. 35c., $\frac{1}{4}$ lb. 75c.

MUSTARD

Sow thickly in early spring in shallow drills or in boxes during the winter. Successive sowings may be made every ten days.

One ounce will sow about 75 feet of drill.

White London. The best for salads and flavoring.

Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 35c.

Black or Brown. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 35c.

Chinese. Leaves twice the size of the ordinary White

Mustard which are curled and eaten like spinach.

Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Mushroom Spawn



MUSHROOM SPAWN

Mushroom can be grown in cellars, in sheds, or in hot-beds where a temperature of 50 to 70 degrees is easily maintained.

English Spawn. In bricks 15c. per lb., 8 lbs. for \$1.00.

Books on Growing Mushrooms, Robinson's Book 50c., Falconer's Book \$1.00, postpaid.

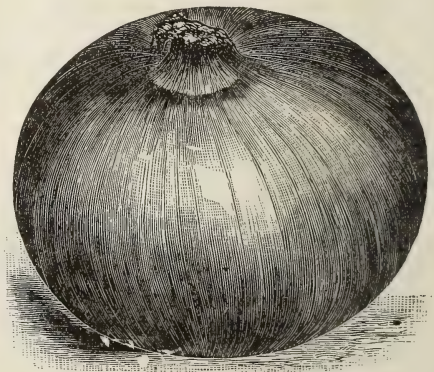
Okra

Sow the seed late in the spring after the ground has become warm in rows about 3 feet apart, 1 inch deep, thinning out to about 9 inches apart in the rows.

Improved Dwarf Green. Very productive, long green pods. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

White Velvet. Large pods, smooth and free from ridges. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

ONION



DANVERS YELLOW GLOBE ONION

Sow the seed as early in the spring as the ground can be worked in drills about 1 foot apart and cover about $\frac{1}{2}$ inch. Thin plants to stand from 2 to 3 inches apart in the drills. The soil should be made very rich and kept free from weeds.

One ounce to 100 feet of drill; five pounds to the acre.

Early Yellow Cracker. An early flat variety of mild flavor and keeps well. Pkt. 5c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 60c., lb. \$1.75.

ONION — Continued

Early Red Globe. About ten days earlier than the Red Wethersfield, medium size and a good keeper. Pkt. 5c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 60c., lb. \$1.75.

Yellow Globe Danvers. The most profitable variety to grow, producing bulbs of globular form which ripen early and uniformly, producing large crops. The seed we offer was grown in New England from selected bulbs by a reliable grower of long experience. Pkt. 5c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Yellow Globe Danvers. Seed grown in California. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Southport Yellow Globe. Bulbs medium size and good keepers, color a rich yellow. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

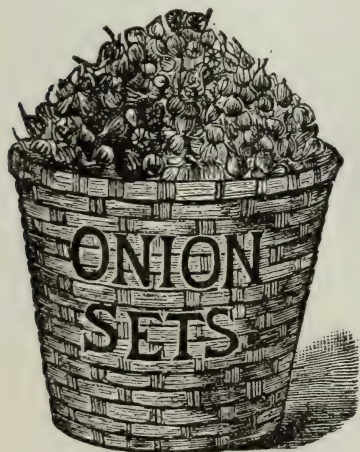
Large Red Wethersfield. The standard red, flat variety, large size, skin deep purplish red, a good keeper. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.40.

White Portugal. One of the best white sorts; bulbs mature early, very mild flavor; the best to grow for sets. Pkt. 5c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Prize Taker. The largest yellow onion, flesh white and of mild flavor. Pkt. 5c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

New Queen. A pure white variety of rapid growth; fine for pickling. Pkt. 5c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 60c., lb. \$1.75.

Onion Sets



Onion Sets should be planted as early in the spring as the ground is dry enough to work, in rows 12 inches apart and 2 to 4 inches apart in the rows.

Add 10c. per quart if sent by mail; for larger quantities, prices will be quoted on application.

White Sets. Qt. 25c., pk. \$1.25.

Yellow Sets. Qt. 25c., pk. \$1.25.

Potato Onion Sets. Qt. 25c., pk. \$1.25.

Egyptian Perennial Tree Sets. Plant in September for spring use. Qt. 25c., $\frac{1}{2}$ pk. 75c., pk. \$1.00.

Parsley

Soak the seeds a few hours in lukewarm water and sow early in the spring in rich soil in drills one foot apart; thin out the plants to 4 inches apart in the rows.

One ounce to 150 feet of drill.

Doubled Curled or Covent Garden. One of the best sorts, handsome bright green color; leaves finely crimped and curly. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Champion Double Curled. A fine strain, very dark green. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Parsnip

Sow as early in the spring as the weather will permit in deep, rich soil in drills 18 inches apart, covering the seed slightly; thin to 5 or 6 inches apart in the rows.

One ounce to 150 feet of drill; five pounds to the acre.

Abbott's Improved Hollow Crown. The roots are smooth, large, tender and sugary; a heavy cropper. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Arlington Long Smooth. Roots long and smooth; a good market sort. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Pumpkin

Same cultivation as for squash.

One ounce will plant 20 hills; one pound will plant 250 hills.



SUGAR PUMPKIN

Small Sugar. Very sweet and fine grained, a good keeper, best sort for family use. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Large Cheese. A flat, yellow sort, very hardy and productive. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Quaker Pie. Shape oval, fine grained and of mild flavor. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Mammoth Tours. Very large size, oblong in shape, largely used for feeding stock. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Connecticut Field. Very productive, usually grown in fields with corn for feeding stock. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 35c.

Pepper

Sow the seed in hot-beds early in April. Transplant when 2 or 3 inches high to 3 inches apart. Transplant to the open ground about the first of June, in rows 2 feet apart and 18 inches apart in the rows. The soil should be rich and mellow.

One ounce will produce about 2,000 plants.

PEPPER—Continued

Large Bell or Bull Nose. Large and of mild flavor, largely used for pickling. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c.

Sweet Mountain. The fruit is very large and smooth, flesh very tender and mild flavored. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c.

Squash or Tomato-Shaped. Fruit medium size, early and productive. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c.

Long Red Cayenne. Bright red, long slender pods, very pungent. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c.

Red Cherry. Small, round, bright scarlet fruit. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c.

Red Chili. Used for seasoning and for making pepper sauce. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c.

Ruby King. A very large variety, vigorous and productive, a fine sort for mangoes or stuffed peppers. Pkt. 5c., oz. 30c., $\frac{1}{4}$ lb. \$1.00

Golden Dawn. A large yellow variety. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c.

Chinese Giant. A very large variety of mild flavor, maturing very late, color bright scarlet. Pkt. 5c., $\frac{1}{2}$ oz. 30c., oz. 50c., $\frac{1}{4}$ lb. \$1.50.

POTATOES

Special and Standard Early and Late Varieties.

Early White Albino

Snow

Green Mountain, Jr.

Norcross

Vermont Gold Coin

Green Mountain

Carman

New Queen

Early Rose

WRITE FOR PRICES

PEAS

Sow the early, smooth, round sorts as early in the spring as the ground can be worked in light, dry, rich, loamy soil. The wrinkled varieties are more tender and the seed is more liable to rot and should not be planted when the ground is cold and wet. The late varieties do not require as rich soil as the early and dwarf sizes. Sow in rows 3 to 4 feet apart and about 1 inch apart in the rows, 3 to 4 inches deep. Peas grown as a market crop are never staked, but when the taller sorts are grown for private use, they are generally sown in double rows 6 to 8 inches apart and staked with brush.

Peas are a short crop this season, scarcer than a year ago; several varieties nearly complete failures.

One quart will plant about 100 feet of drill; 1½ bushels to the acre.

Those marked with a (*) are wrinkled varieties.

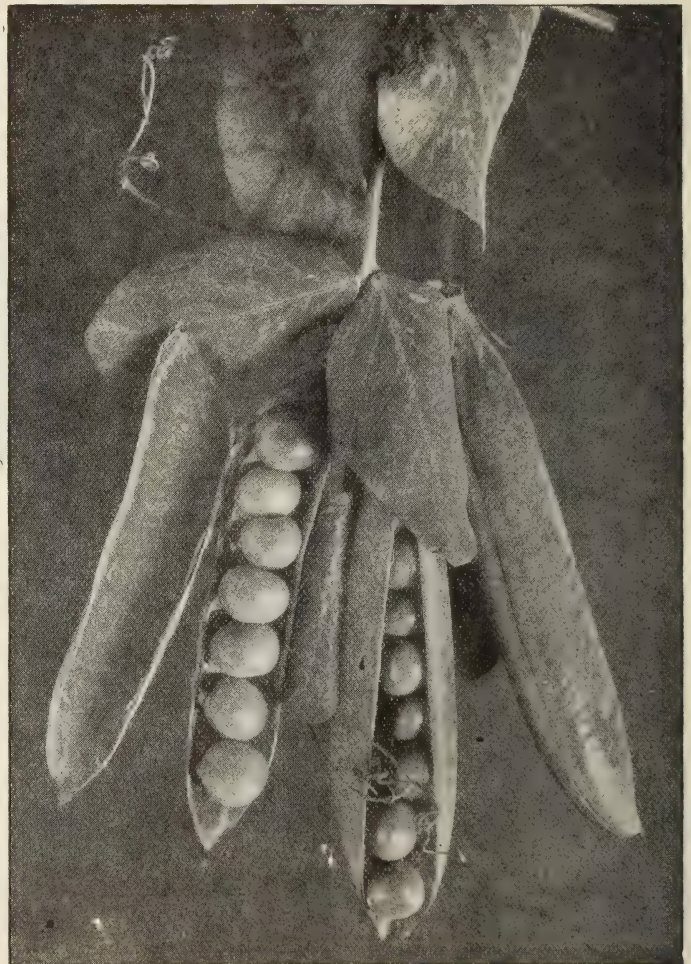
If wanted by mail, add at the rate of 5c. per. pt. 10c., per qt., half pks. and half bus. at pk. and bu. rates.

Extra Early Varieties

***Little Marvel.** A dwarf variety of even growth about 18 inches in height, pods dark green, medium size, often produced in pairs, as early as Nott's Excelsior or American Wonder, equal in flavor and more prolific. Pkt. 15c., $\frac{1}{2}$ pt. 20c., qt. 30c., qt. 60c., $\frac{1}{2}$ pk. \$2.25. pk. \$3.75.

***Laxtonian.** One of the most remarkable varieties yet introduced; very dwarf, growing only 12 to 15 inches high, producing pods in great abundance; nearly as large as the Telephone. The peas are large with a flavor the very sweetest and best. Pkt. 15c., $\frac{1}{2}$ pt. 35c., pt. 50c., qt. 85c., $\frac{1}{2}$ pk. \$3.00.

Alaska. One of the earliest blue peas, pods dark green, of medium size and uniform in growth, height 2½ feet. Pkt. 10c., pt. 20c., qt. 30c., $\frac{1}{2}$ pk. \$1.00, pk. \$1.75, bu. \$6.00.



GRADUS PEA

The peas are large with a flavor the very sweetest and best.

PEAS—Continued

- Pedigree.** A quick growing, white, round pea; pods good size, well filled, nearly all maturing at one time, height 2 ½ feet. Pkt. 10c., pt. 15c., qt. 30c., 2 qts. 55c., ½ pk. \$1.00, pk. \$1.75, bu. \$6.00.
- Maud S.** An old, standard, early variety, height 2 ½ feet. Pkt. 10c., pt. 15c., qt. 30c., 2 qts. 55c., ½ pk. \$1.00, pk. \$1.75, bu. \$6.00.
- * **Nott's Excelsior.** A splendid early sort, pods are always well filled with large peas of delicious flavor. The vines are more vigorous than the American Wonder. Pkt. 10c., ½ pt. 15c., pt. 25c., qt. 45c., ½ pk. \$1.60, pk. \$3.00.
- * **Sutton's Excelsior.** As early as Nott's Excelsior with much larger pods, a large cropper and of rich flavor. Pkt. 10c., ½ pt. 15c., pt. 25c., qt. 45c., ½ pk. \$1.60, pk. \$3.00.
- * **American Wonder.** A well-known and popular variety of fine quality. Pkt. 10c., pt. 20c., qt. 40c., 2 qts. 75c., ½ pk. \$1.25, pk. \$2.50, bu. \$9.00.
- * **Premium Gem.** An early, dwarf, wrinkled variety of very fine quality, height 18 inches. Pkt. 10c., ½ pt. 15c., pt. 25c., qt. 40c., ½ pk. \$1.50, pk. \$2.50.
- * **Gradus or Prosperity.** The earliest and most popular of the large podded, wrinkled peas; vines vigorous bearing large pods from 4 to 4 ½ inches in length, filled with large peas of the finest quality and delicious flavor. Pkt. 15c., ½ pt. 20c., pt. 35c., qt. 60c., ½ pk. \$2.25, pk. \$4.00.
- * **Thomas Laxton.** Similar to Gradus; the pods are long, straight, with square ends and contain 7 or 8 peas of the finest flavor; hardy and productive, height 3 feet. Pkt. 15c., ½ pt. 20c., pt. 35c., qt. 60c., ½ pk. \$2.25, pk. \$4.00.
- * **Surprise.** One of the earliest of the wrinkled varieties, pods good size, well filled with peas of fine flavor, height 2 feet. Pkt. 10c., ½ pt. 15c., pt. 25c., qt. 45c., ½ pk. \$1.60, pk. \$3.00.

Second Early and Medium Varieties

- * **Carter's Quite Content (New).** The largest podded variety yet introduced, vines and pods deep green, pods 7 to 7 ½ inches long, hanging mostly in pairs and contain 9 to 11 large peas of excellent flavor, recommended for the market or private garden, a large cropper, height 3 to 4 feet. Pkt. 15c., ½ pt. 40c., pt. 60c., qt. \$1.00.
- * **Bliss Abundance.** A second early variety bearing long, round pods, containing 6 to 8 peas, height 2 feet. Pkt. 10c., ½ pt. 12c., pt. 20c., qt. 35c., ½ pk. \$1.25, pk. \$2.25.
- * **Horsford's Market Garden.** A medium early variety, productive and of good quality, height 2 feet. Pkt. 10c., ½ pt. 12c., pt. 20c., qt. 35c., ½ pk. \$1.25, pk. \$2.25.
- * **McLean's Advancer.** Fine standard sort, pods medium size; peas tender and of excellent quality, height 2 ½ feet. Pkt. 10c., pt. 25c., qt. 40c., ½ pk. \$1.35, pk. \$2.50.
- * **Heroine.** Medium early, pods long, slightly curled, growing very uniform, well filled with peas of fine flavor, height 2 feet. Pkt. 10c., ½ pt. 15c., pt. 25c., qt. 40c., ½ pk. \$1.50, pk. \$2.75.

General Crop

- * **Admiral Dewey.** One of the finest and most desirable of the large podded varieties. The vines are of vigorous growth; the pods are always of good size, well filled with peas of the highest quality, specially recommended for the home garden and market growing, height 4 feet. Pkt. 10c., ½ pt.

15c., pt. 25c., qt. 45c., ½ pk. \$1.70, pk. \$3.25, bu. \$12.00.

- * **Improved Telephone.** An improvement on Carter's Telephone for purity and uniformity of habits, bearing in great abundance large dark green pods containing peas of fine flavor, height 4 feet. Pkt. 10c., ½ pt. 15c., pt. 25c., qt. 45c., ½ pk. \$1.70, pk. \$3.25, bu. \$12.00.
- * **Improved Stratagem.** An improvement on the original Stratagem; pods are very large, filled with peas of the finest quality, height 2 feet. Pkt. 10c., ½ pt. 15c., pt. 25c., qt. 45c., ½ pk. \$1.70, pk. \$3.25, bu. \$12.00.
- * **Champion of England.** A well-known and popular late variety, of excellent flavor and very productive, height 4 to 5 feet. Pkt. 10c., ½ pt. 15c., pt. 25c., qt. 40c., ½ pk. \$1.50, pk. \$2.75.
- * **Yorkshire Hero.** A medium late variety of fine flavor, height 2 ½ feet. Pkt. 10c., pt. 20c., qt. 35c., ½ pk. \$1.25, pk. \$2.25.
- * **Everbearing.** Very prolific, pods about 3 inches long, peas large and of good quality, height 2 ½ feet. Pkt. 10c., pt. 20c., qt. 35c., ½ pk. \$1.25, pk. \$2.25.
- White Marrowfat.** Very hardy and prolific, height 4 feet. Pt. 15c., qt. 25c., ½ pk. 85c., pk. \$1.75, bu. \$6.50.
- Black-Eyed Marrowfat.** Largely grown as a field crop, height 4 feet. Pt. 15c., qt. 25c., ½ pk. 85c., pk. \$1.75, bu. \$6.50.
- White Canada Field.** Valuable for sowing with oats for cattle feeding and for green soiling. Pkt. 70c., bu. \$2.50.
- Mammoth Podded Sugar (Edible Pods).** Large, broad pods; cooked as string beans they are sweet and tender, height 4 feet. Pkt. 10c., pt. 30c., qt. 50c., pk. \$3.75.
- Dwarf Gray Sugar (Edible Pods).** Height 2 feet. Pkt. 10c., pt. 30c., qt. 50c., pk. \$3.75.

RADISH

The seed should be sown in light, rich, sandy loam. For an early supply, sow in a hot-bed in rows 4 inches apart. Sow in the open ground as soon as the ground can be worked in rows 8 to 12 inches apart, ½ inch deep. If the radish makes rapid growth, it will be crisp and tender. Sow every week or ten days for succession.

One ounce for 100 feet of drill.

Non Plus Ultra. The earliest forcing variety, round, red, maturing in about twenty days. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 65c.

Crimson Giant. An extra early turnip-shaped variety, growing very large, yet never pithy; always hard and solid; good for forcing and equally as good if grown in the open ground. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 80c.

Early Scarlet White-Tipped. Small, round, red, short tops, crisp and tender. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 65c.

Scarlet Globe. One of the best varieties for forcing or sowing in the open ground; globe shaped, scarlet color, crisp and tender. Pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 65c.



RADISH—Continued

French Breakfast. Oblong shaped, color scarlet, white tipped, rapid grower, mild and tender. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 65c.

Scarlet Olive-Shaped. Very early and of good quality. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 65c.

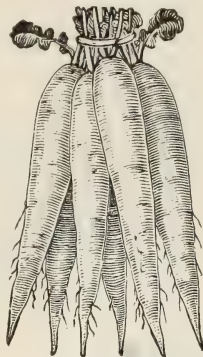
Long Scarlet Short Top. Long and crisp, for frames or open ground. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 65c.

White Vienna. Finest white radish. It is long, slender, pure white, roots of excellent quality. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 65c.

Early White Turnip. Flesh pure white and sweet, a fine forcer. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 65c.

Long Black Spinach. A good winter variety. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 65c.

China Rose. One of the best winter sorts, bright rose color, flesh firm, of excellent quality. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 65c.

WHITE VIENNA
RADISH

Pkt. 5c., oz. 10c.,

Salsify

Sow early in the spring in drills 15 inches apart and 1 to 2 inches deep. Cultivate the same as for carrots and parsnips. They can be left in the ground until spring.

One ounce to 50 feet of drill.

Mammoth Sandwich Island. This variety grows to a large size, and is superior in quality to the Long White. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Long White. An old standard variety. Pkt. 5c., oz. 10c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

SPINACH

Sow early in the spring in drills a foot apart covering the seed one inch deep, thinning out as it grows. For use as greens a succession may be obtained by sowing every two weeks. For fall use sow in August.

One ounce to 100 feet of drill; ten to twelve pounds to the acre.



VICTORIA SPINACH

Victoria. A variety of dense foliage, leaves thick and of a dark green color, especially valuable for its long-standing qualities; the best for spring sowing. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 35c.

Long Standing. Large leaves and crimped, very slow to seed. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 35c.

Savoy Leaved or Bloomsdale. The leaves are large and fine curled, best variety for fall sowing. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 35c.

Prickly or Winter. The hardiest variety for fall planting. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 35c.

Long Season. A dark green crumpled variety which withstands the hot weather without shooting to seed for a long time; very desirable for spring planting and of excellent quality. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

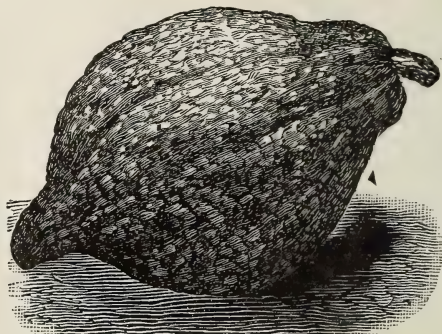
New Zealand. A plant of branching habits which stands drought. Soak the seeds in warm water before planting. Plants should not be closer than two feet apart each way. Pkt. 5c., oz. 10c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. 90c.

WRITE FOR SPECIAL PRICES IN QUANTITIES

SQUASH

Squashes are quite tender and should not be planted until the ground has become thoroughly warm and all danger of frost is past. Plant in light, rich soil, well pulverized. Bush varieties should be planted about 4 feet apart and the running varieties about 8 feet.

Bush varieties, one ounce to 40 hills; running varieties, one ounce to 15 hills, three to four pounds per acre.



HUBBARD SQUASH

Early Summer Crookneck. A desirable table sort, bright yellow and attractive. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Giant Summer Crookneck. Large size, nearly double the size of the above. The flesh is thick, yellow, and of fine quality. One of the best market varieties. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Yellow Bush Scallop. An early variety, very prolific. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 70c.

Mammoth White Bush Scallop. Pure white, producing large thick fruit of fine flavor, early and productive. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 70c.

Delicious. Fine grained, sweet and dry, no other squash can equal it in sweetness and richness of flavor. In shape and color it is similar to the Hubbard. Weighs from five to ten pounds. Pkt. 5c., oz. 10c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Boston Marrow. A standard fall variety of a bright yellow color, an excellent sort for pies and largely used by canners.

Early Prolific Marrow. The earliest of the running varieties, maturing ten days earlier than the Boston Marrow, color a bright orange red, keeps well. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

SQUASH—Continued

Turban. Orange yellow, fine grained, and of good flavor. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. \$75c.

Warren. Has a shell harder than the Essex Hybrid and the color is of a deeper orange, the quality is superior. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Hubbard. The standard winter squash, more largely grown than any other late variety, dark green skin and rich flesh, an excellent keeper. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Chicago Warty Hubbard. This variety grows larger than the common Hubbard and is more heavily warted. Pkt. 5c., oz. 10c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Golden Hubbard. Same type as the green Hubbard but of rich orange red color and earlier to mature. Pkt. 5c., oz. 10c., 2 oz. 20c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Mammoth Chili. Grows to an enormous size, color orange yellow. Pkt. 5c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 45c., lb. \$1.25.

TOMATO

Sow the seed about the first week in March in a hot-bed, greenhouse or in shallow boxes in a window. When the plants are about 3 inches high transplant to cold frames, setting the plants to about 4 inches apart or in pots singly. Transplant to the open ground when all danger of frost is past. Set in rows 4 feet apart each way, using a shovelful of rotted manure in each hill.

One ounce will produce about 1,500 plants.



EARLY DETROIT TOMATO

Earliana. The best extra early variety. It is the earliest large tomato; color bright red, growing in clusters of medium size, smooth, solid, and of fine flavor; an excellent sort for market and the home garden. Pkt. 5c., $\frac{1}{2}$ oz. 18c., oz. 30c., 2 oz. 50c., $\frac{1}{4}$ lb. 90c.

Chalk's Jewel. Color bright red; flesh thick and solid, good quality. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Early Detroit. Fruit very smooth, uniform in size, nearly globe shaped, firm and of excellent quality, color purplish pink, vine vigorous and productive. Pkt. 5c., $\frac{1}{2}$ oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Bonny Best. Early and prolific; fruit is smooth, round, scarlet, of fine flavor. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c.

Stone. The most reliable of the main crop, very large, bright scarlet, smooth and solid and very productive, and is a good shipper. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Dwarf Champion. Plant dwarf and compact, medium size, good quality, color purplish pink. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c.

Dwarf Stone. Dwarf and compact growing, plant resembling Dwarf Champion but is of a stronger growth, yielding a large crop of very smooth, solid tomatoes of the finest quality, color bright scarlet. Pkt. 5c., $\frac{1}{2}$ oz. 18c., oz. 30c., 2 oz. 50c., $\frac{1}{4}$ lb. 90c., lb. \$2.75.

Beauty (Livingston's). One of the best main crop tomatoes, vine large and vigorous, fruit purplish pink, smooth, large, solid and of excellent flavor. Grows in clusters of 4 to 6, and seldom cracks. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c.

Livingston's Perfection. Dark red, smooth, solid and productive. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 75c.

Livingston's Globe. Globe shape, smooth, ripens evenly, very solid and productive, color tinged with purple. Pkt. 5c., $\frac{1}{2}$ oz. 25c., oz. 40c., 2 oz. 70c., $\frac{1}{4}$ lb. \$1.00.

Ponderosa. One of the largest varieties, long cultivation, flesh solid and of fine quality. Pkt. 5c., $\frac{1}{2}$ oz. 25c., oz. 40c., 2 oz. 70c., $\frac{1}{4}$ lb. \$1.25.

Acme. The fruit is a bright pink color, medium size, smooth and solid. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c., 2 oz. 40c., $\frac{1}{4}$ lb. 70c.

Red Cherry. Scarlet fruit about the size of a cherry, used for pickling. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c.

Yellow Cherry. Bright yellow, best for preserving. Pkt. 5c., $\frac{1}{2}$ oz. 15c., oz. 25c.

TURNIP

Turnips do best in rich, light, sandy soil. For early use, sow in the spring as soon as the ground can be worked in drills 1 foot apart. Cover $\frac{1}{2}$ inch deep. Thin plants to 6 inches apart. For a succession sow every two weeks until August. Rutabagas are usually sown broadcast, but larger crops are obtained if the seed is sown in drills 18 inches apart and thinned out to 8 or 10 inches in the rows. Sow from June to the middle of July.

One ounce will sow 150 feet of drill; one or two pounds for an acre.

Early Purple Top Milan. One of the earliest flat turnips; flesh solid and of good quality. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Early White Milan. Extra early; roots of medium size, pure white, sweet and tender. It is a rapid grower and desirable for early use. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.,

Early Snowball. The earliest round, white turnip, flesh solid, tender and sweet. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

WHITE MILAN
TURNIP

TURNIP — Continued

Purple Top Strap Leaf. A well-known and popular variety for the main crop, largely grown for both table and for stock. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

White Top Strap Leaf. Similar to Purple Top except that it is pure white. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

White Egg. A pure white egg-shaped variety of rapid growth; flesh firm, sweet and mild. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Purple Top White Globe. An early variety, of superior quality, globe-shaped, white flesh, tender and sweet, one of the best for table use. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Golden Stone. Flesh yellow, firm and fine grained, of fine quality, an excellent keeper. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Golden Ball. Very early, fine quality, and of excellent flavor. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Yellow Aberdeen. A hardy variety, and a good keeper. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Rutabaga, or Swede Turnip

American Purple Top.

Very hardy, productive, and a good keeper; flesh yellow and solid, a fine variety for table use. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Carter's Imperial Purple Top.

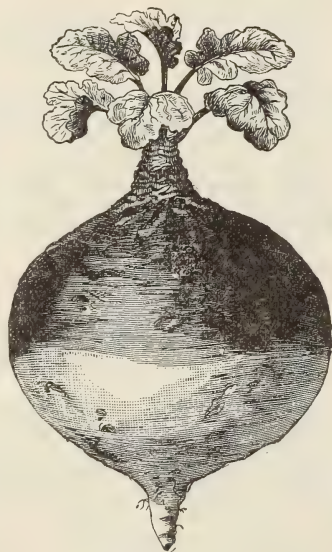
Very large and productive, smooth, round heads, yellow flesh, and of good quality. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Skirving's Purple Top.

A standard variety and a good keeper. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Sweet German. Flesh white, hard and sweet, keeps well. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Budlong. An early, white, globe-shaped variety, of mild flavor, an excellent table sort. Pkt. 5c., oz. 10c., 2 oz. 15c., $\frac{1}{4}$ lb. 20c., lb. 50c.

AMERICAN PURPLE TOP
RUTABAGA

OUR CATALOGUE

Of Dutch Bulbs, Hyacinths, Narcissus, Tulips and other Bulbs will be ready in September, gratis and postpaid, to Customers for Bulbs.

Sweet and Medicinal Herbs

Sow in the spring, in shallow drills, one foot apart; when up a few inches thin out to proper distances, or transplant; cut the herbs when in flower, tie them up in small bunches, and hang in the shade to dry.

Anise Annual. Per oz. 10c., pkt. 5c.

Basil Perennial. Per oz. 30c., pkt. 5c.

Basil, Sweet Annual. Per oz. 20c., pkt. 5c.

Caraway Biennial. Per oz. 10c., pkt. 5c.

Catnip Perennial. Per oz. 40c., pkt. 10c.

Coriander Annual. Per oz. 10c., pkt. 5c.

Dill Biennial. Per oz. 10c., pkt. 5c.

Fennel, Sweet Perennial. Per oz. 10c., pkt. 5c.

Horhound Perennial. Per oz. 25c., pkt. 5c.

Hyssop Perennial. Per oz. 25c., pkt. 5c.

Lavender Perennial. Per oz. 10c., pkt. 5c.

Marjoram, Sweet Annual. Per oz. 20c., pkt. 5c.

Rue Perennial. Per oz. 20c., pkt. 5c.

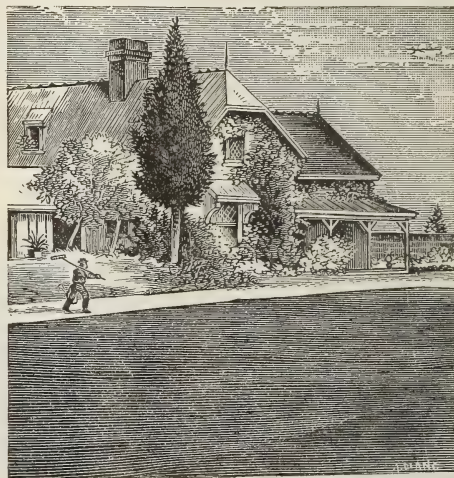
Saffron Annual. Per oz. 10c., pkt. 5c.

Sage Annual. Per lb. \$1.50, Per oz. 15c., pkt. 5c.

Summer Savory Annual. Per oz. 15c., pkt. 5c.

Thyme Perennial. Per oz. 40c., pkt. 5c.

Wormwood Perennial. Per oz. 25c., pkt. 5c.



LAWN GRASS SEED

A. S. & L. Extra Fine Mixed. A mixture of the finest and purest permanent grass seeds. Lb. 30c., by mail, 40c.

A. S. & L. Fine Mixed. This mixture is composed of grasses best adapted to general lawn purposes. Lb. 25c., by mail 35c.

A. S. & L. Golf Links Mixture. Made from a formula that will produce a turf which will withstand rough usage. Lb. 35c., by mail 45c.

A. S. & L. Putting Green Mixture. The varieties in this mixture are the finest, low growing, and most hardy kinds. Lb. 35c., by mail 45c.

ASSORTMENTS OF KITCHEN GARDEN SEEDS

BY MAIL PREPAID

50c. ASSORTMENT

1 Pkt. Beans, Low's Champion
1 " Beet, Edmands
1 " Cabbage, Warren
1 " Carrot, Danvers
1 " Corn, Ellis-Crosby
1 " Cucumber, White Spine

1 Pkt. Lettuce, Hanson
1 " Melon, Emerald Gem
1 " Peas, Little Marvel
1 " Radish, Scarlet Globe
1 " Squash, Delicious

\$1.00 ASSORTMENT

1 Pkt. Beans, Six Weeks
1 " " Golden Wax
1 " Beet, Crosby Egyptian
1 " " Edmands
1 " Cabbage, Early Summer
1 " Carrot, Danvers
1 " Corn, Ellis-Crosby
1 " " Golden Bantam
1 " Cucumber, White Spine
1 " Lettuce, Hanson
1 " Onion, Yellow Globe Danvers
1 " Parsnip, Hollow Crown

1 Pkt. Peas, Nott's Excelsior
1 " " Admiral Dewey
1 " Radish, Scarlet Globe
1 " Spinach, Victoria
1 " Squash, Delicious
1 " Turnip, White Milan
1 " " Carter's Rutabaga
1 " Tomato, Earliana
1 " Sweet Peas, Splendid Mixed
1 " Nasturtium, Tall Mixed
1 " Nasturtium, Dwarf Mixed

\$1.50 ASSORTMENT

$\frac{1}{2}$ Pt. Beans, Golden Wax
 $\frac{1}{2}$ " " Stringless Green Pod
 $\frac{1}{2}$ " " Low's Champion
 $\frac{1}{2}$ " " London Hort. Pole
1 Pkt. Cabbage, Early Wakefield
1 " " Hollander
1 " Carrot, Danvers
1 " Sweet Corn, Golden Bantam
1 " " Ellis-Crosby
1 " Cress
1 " Cucumber, White Spine
1 " Lettuce, Mignonette

1 Pkt. Onion, Yellow Danvers
1 " Parsnip
1 " Peas, Nott's Excelsior
1 " " Gradus
1 " " Admiral Dewey
1 " Radish, Scarlet Globe
1 " Squash, Summer Crookneck
1 " " Delicious
1 " " Hubbard
1 " Turnip, Milan
1 " " Rutabaga

\$2.50 ASSORTMENT

2 Oz. Beet, Edmands
1 Pt. Beans, Golden Wax
1 " " Low's Champion
 $\frac{1}{2}$ " " Horticultural Pole
1 Oz. Carrot, Danvers
 $\frac{1}{2}$ Pt. Corn, Peep O'Day
1 " " Ellis-Crosby
1 " " Golden Bantam
2 Oz. Cucumber, White Spine
1 " " Boston Pickling

1 Oz. Lettuce, Hanson
2 " Onion, Yellow Globe Danvers
1 " Parsnip, Long White
1 Pkt. Pepper, Bell
2 Oz. Radish, French Breakfast
1 " Spinach, Victoria
1 " Squash, Prolific Marrow
2 " " Hubbard
1 " Turnip, White Milan
2 " " Rutabaga

One Ounce Packet Sweet Peas with Each Assortment

Special \$1.00 Offer in Flower Seeds

36 5c. Pkts., or 18 10c. Pkts.

To be selected from any varieties found in our catalogue, and will be sent free by mail on receipt of price

GRASS SEEDS

PRICES OF GRASS SEEDS SUBJECT TO CHANGE

SPECIAL QUOTATIONS WITH SAMPLES ON APPLICATION

Alfalfa or Lucerne Clover
 Alsike Clover
 Crimson Clover
 Mammoth Red Clover
 White Clover
 Creeping Bent
 Hungarian
 Italian Rye Grass
 Kentucky Blue Grass
 Orchard Grass
 Perennial Rye Grass
 Sweet Vernal Grass (Annual)

Sweet Vernal Grass (Perennial)
 Tall Meadow Oat Grass
 Meadow Foxtail
 Meadow Fescue
 Red Top (Recleaned)
 Rhode Island Bent
 Sheep's Fescue
 Tall Fescue
 Timothy
 Japanese Millet
 Golden Millet
 Wood Meadow

QUANTITY OF SEEDS REQUIRED FOR A GIVEN NUMBER OF HILLS OR LENGTH OF DRILLS

Asparagus	1 ounce	60 feet of drill	Parsley	1 ounce	150 feet of drill
Beet	1 "	50 "	Pumpkin	1 "	40 hills
Beans, Dwarf	1 quart	100 "	Dandelion	1 "	100 feet of drill
Beans, Pole	1 "	150 hills	Parsnip	1 "	200 "
Carrot	1 ounce	100 feet of drill	Peas	1 quart	100 "
Cucumber	1 "	50 hills	Radish	1 ounce	100 "
Corn	1 quart	200 "	Spinach	1 "	100 "
Melon, Water	1 ounce	30 "	Squash, Early	1 "	50 hills
Melon, Musk	1 "	60 "	Squash, Late	1 "	15 "
Onion	1 "	100 feet of drill	Turnip	1 "	150 feet of drill
Onion sets	1 quart	40 "			

TABLE SHOWING THE QUANTITY OF SEED USUALLY SOWN UPON AN ACRE

	Lbs. per bush.		Lbs. per bush.		
Barley, broadcast	48	2 to 3 bush.	Millet, Japanese	40	25 lbs.
Beans, Dwarf, in drills	60	1½ bush.	Millet, German	50	1 bush.
Beans, Pole, in hills	60	10 to 12 qts.	Oats, broadcast	32	2 to 3 bush.
Beets, Table, in drills		6 lbs.	Onion, in drills		5 lbs.
Beets, Mangel-Wurzel		5 lbs.	Onion Sets, in drills		6 to 12 bush.
Buckwheat	48	1 bush.	Parsnip, in drills		4 to 6 lbs.
Cabbage, in beds to transplant		¼ lb.	Peas, broadcast		3 bush.
Carrot, in drills		3 to 4 lbs.	Peas, in drills		2 bush.
Clover, Red	60	15 to 20 lbs.	Potatoes (Cut Tubers)	60	8 bush.
Clover, White	60	12 to 15 lbs.	Pumpkin, in hills		4 lbs.
Clover, Alsike	60	10 lbs.	Radish, in drills		8 to 10 lbs.
Clover, Lucerne or Alfalfa	60	20 lbs.	Round Peas, in drills	60	1½ bush.
Corn, in hills		10 qts.	Rye, broadcast	56	1½ to 2 bu.
Corn, for fodder		3 bush.	Sage, in drills		8 to 10 lbs.
Cucumber, in hills		2 lbs.	Spinach, in drills		15 lbs.
Grass, Kentucky Blue	14	3 bush.	Squash (Bush Varieties), in hills		4 lbs.
Grass, Orchard	14	3 bush.	Squash (Running Varieties), in hills		3 lbs.
Grass, Red Top (Recleaned)	40	6 lbs.	Tomato, to transplant		¼ lb.
Grass, Timothy	45	½ bush.	Turnip, broadcast		2 to 3 lbs.
Grass, Hungarian	48	1 bush.	Turnip, in drills		1½ lbs.
Grass, Lawn	25	3 bush.	Vetches, broadcast		2 to 3 bush.
Melon, Musk, in hills		2 to 3 lbs.	Wheat, broadcast	60	1½ to 2 bu.
Melon, Water, in hills		4 to 5 lbs.	Wrinkled Peas, in drills		1¼ bush.

FIELD SEED CORN

Prices of Field Corn Subject to Market Changes

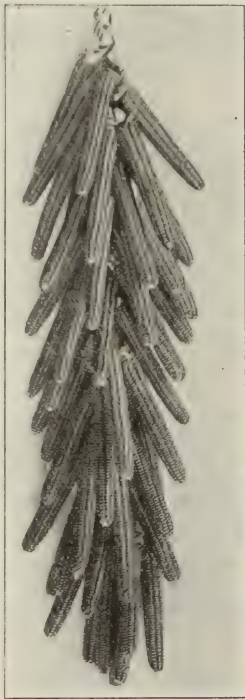
Plant 8 to 10 qts. per acre in hills, sow 2½ to 3 bushels broadcast for fodder.

NORTHERN QUEEN

Dr. H. M. Moulton, Cumberland Centre, Me., describes "Northern Queen" as follows.

"Of all the varieties of flint corn, there is no question but the 'Northern Queen' excels both in quantity and quality as well as early maturity. The 'Northern Queen' will mature at least ten days earlier than any variety with a possible exception of the 'Small Canada' strain, which will not produce one-fifth the quantity as will the 'Northern Queen.' The ears are thicker, its color darker than the 'Northern King' but nevertheless it resembles the latter very closely. It grows true to type. There is no flint corn that grows as large a kernel as the 'Northern Queen.' It requires but 63 ½ pounds of ears to shell 56 pounds of corn."

We have bought of Dr. Moulton his entire crop of "Northern Queen" grown in 1911.



NORTHERN QUEEN

- qt. 25c., 2 qts. 40c., ½ pk. 75c., pk. \$1.25.
Longfellow. Eight rowed, yellow kernel. Ears long, with small cob. Qt. 20c., pk. 75c., bu. \$2.50.
Eureka. Grows from 12 to 15 feet high. Kernels white, one of the best varieties for ensilage. Qt. 15c., pk. 60c., bu. \$2.00.
Leaning. Large deep grains, very early; stocks are leafy and makes excellent fodder. Qt. 15c., pk. 60c., bu. \$2.00.
Red Cob Ensilage. White corn with red cob; matures late. Qt. 15c., pk. 50c., bu. \$1.75.
Sanford. An early white flint, eight-rowed variety, largely grown for ensilage. Qt. 15c., pk. 75c., bu. \$2.00.
Sweet Fodder. For ensilage; and a green summer food for stock. Qt. 15c., pk. 75c., bu. \$2.00.

GRAINS, Etc.

PRICES ON APPLICATION

Barley, Japanese Buckwheat
 Silver Hull, Buckwheat
 Spring Wheat, Spring and Winter Rye
 New Era Cow Peas
 Early Hollybrook Soja Bean

Kaffir Corn

Velvet Beans

Summer Vetches

Winter Vetches

Dwarf Essex, Rape. Lb. 10c., 10 lb. 90c., 100 lb. \$7.00.

NEW WASHINGTON OATS

"The Washington Oat is an open-headed or tree type of Oats, very much like the regenerated strain of Swedish. The straw is not as tall as that of some other varieties, but it is tall enough and is stiff and it stands up well and does not seem to be affected by rust as some of the other varieties." Our seed was grown in Northern New York. A report from an experimental station, says: "That the **New Washington Oats** are the heaviest, thinnest hull, stiffest straw, best of thirty-six varieties; weight, 36 to 40 lbs. measured bushel." Per lb. 25c., 3 lbs. 70c., by mail, postage prepaid. Per pk. 50c., bush. (32 lbs.), \$1.50, 3 bush. (96) lbs., \$3.75. By freight or express,

Vegetable Plants and Roots

Asparagus Roots.

	100	1000
Colossal, 2 year old roots	\$1.25	\$9.00
Palmetto	1.25	9.00

Cabbage Plants.

	April and May delivery	
	Doz. 100	1000
Early Summer	15c.	1.00 8 00
Early Wakefield	15c.	1.00 8 00
Fottler's Brunswick	15c.	1.00 8 00

	June and July delivery	
For winter crop		
Stone Mason Drumhead	30c.	2.75
Fottler's Brunswick	30c.	2.75
American Savoy	30c.	2.75

Cauliflower.

	May delivery	
Snowball	20c.	1.25

Celery.

White Plume	75c.	5.50
Golden Self-Blanching	75c.	5.50
Boston Market	75c.	5.50

Lettuce.

Boston Curled	20c.	\$1.00
Black-seeded Tennisball	20c.	1.00

Pepper.

Large Bell	20c.	1.25
Squash	20c.	1.25

Rhubarb Roots. Each 15c., per doz. \$1.50.

Tomato Plants.

Pot-Grown. 50c. per doz., \$3.00 per 100.

Earliana, Chalk's Jewel, Early Detroit, Perfection, Beauty.

Box-Grown. 25c. per doz., \$2.00 for 100.

Earliana, Chalk's Jewel, Early Detroit, Perfection, Beauty, Dwarf Stone, Acme, Livingston, Stone.

Flower Seedlings

	Per. Doz.		Per Doz.
Aster	15c.	Snapdragon	15c.
Balsam	15c.	Stocks	15c.
Marigold	15c.	Zinnia	15c.
Pinks	15c.	Pansies	30c.
Phlox	15c.	Verbenas	30c.
Petunia	15c.		

A DESCRIPTIVE LIST

... OF ...

CHOICE FLOWER SEEDS

WITH GENERAL DIRECTIONS FOR CULTIVATION

A rich, sandy loam is the best for most flowering plants. The soil of a good garden should be deep, well pulverized and if fertilizers are used they should be thoroughly mixed with the soil.

It is best in practically all instances except hardy annuals to start the seed in boxes, preferably a box about 18x24 inches and 4 inches deep, using very sandy soil with leaf-mould that will not bake, and provide for drainage by boring some holes in the bottom of the box. It is best not to put any fertilizer in the seed-box, since it is only necessary to bring the plants to the third or fourth leaf, when they should be pricked out and reset in another box, in which the soil should be loam mixed with leaf-mould. It is important that the plant be of good size, strong and sturdy, when finally transplanted in the garden.

If the seed be sown directly in the garden, it should be sown in the spring after the soil is well worked and fertilized. A slight depression should be made with a stick, the seed sown, and then covered about twice the depth of the diameter of the seed.

When up, the plants must be thinned from two to twelve inches, depending on the variety, otherwise they will be weak and spindling. It is a common mistake in the garden to leave plants altogether too thick. Always keep the weeds out.

A common mistake in sowing flower, as well as other seeds is covering too deep. As a general rule, cover only to the depth of the thickness of the seeds; or, with medium-sized seeds, like Balsams, Zinnias, etc., half an inch or less is the proper depth. Such fine seeds as Portulacas, Nicotina, etc., need only to be pressed into the soil with a piece of board or palm of the hand. Always press the earth down firmly after sowing all flower seeds, else there is danger of their drying up before the roots can get firm hold of the soil. Seeds of the hardier annuals may be sown where they are to grow; but, as a rule, it is preferable to transplant, as the plants are generally stronger and stand the drought better. During very dry weather, and when the seedlings are first set out, they should be watered frequently. Provide some support for all such annuals as require it.

The weeds should be kept down and the ground loosened often, so that the plants will receive the full benefit of the rains and dews, which they will not if the ground is allowed to become hard and baked.

	Per Pkt.		Per Pkt.
ABUTILON (Flowering Maple). Free-flowering, perennial shrubs of strong growth and easy cultivation; drooping, bell-shaped flowers of various colors.	\$.10	high, with brilliant leaves in variegated, red, yellow, green, etc.	.05
ACROCLINIUM. A half-hardy annual, bearing white and rose-colored flowers which are used when dried for winter bouquets. 1½ feet. Rose and white, mixed.	.05	AMBROSIA Mexicana. Sweet-scented annual, useful in bouquets. 1 to 1½ feet.	.05
ADONIS. A hardy annual of easy culture, with pretty foliage, dark crimson flowers. 1 ft.	.05	AMMOBIUM alatum grandiflorum. A hardy annual, with white everlasting flowers; useful as bouquets and as dried flowers.	.05
AGERATUM. A beautiful, hardy annual. The flowers which are produced in clusters are very attractive in the garden, and are very useful for bouquets.		AMPELOPSIS VEITCHII (Boston Ivy). The best hardy vine for covering brick or stone buildings, etc. Foliage turning to scarlet in the autumn.	.10
Little Blue Star. Bright blue flowers. 6 in.	.10	ANTIRRHINIUM (Snap Dragon). A half-hardy perennial, growing from 1½ to 3 feet tall. Blooming profusely the first season from seed.	.05
Mexicanum. Blue. 1½ feet.	.05		
Tom Thumb. Very dwarf, blue.	.05	TALL VARIETIES	
ALYSSUM. A fragrant, hardy annual, bearing spikes of small, white flowers in great profusion throughout the summer and autumn. Useful for borders and for cutting.		Pink.....	.05
Sweet. Flowers small and sweet.	.05	Scarlet.....	.05
Little Dorrit. Pure white, very dwarf and sweet scented.	.05	White.....	.05
Dwarf Bouquet. Pure white. 4 in.	.05	Yellow.....	.05
Saxatile compactum. Perennial, ten inches high, compact habit, yellow flowers.	.05	Mixed. All colors.....	.05
AMARANTHUS. Hardy annuals, grown especially for their brilliant foliage.		DWARF VARIETIES	
Tricolor (Joseph's Coat). Plant three feet		Fine Mixed. 12 inches.....	.05
		ASPERULA ODORATA. An old-fashioned favorite, grown for its fragrant leaves and stems, which, when dried, have an odor not unlike new-mown hay. The flowers are pure white, 1 ft., hardy perennial.	.50

ASTERS

A popular half-hardy annual produced in a great variety of classes and an almost endless number of colors. The tallest varieties grow about two feet high, and some varieties of dwarfs are not six inches high. The best method of culture is to sow the seed in boxes in March or April. Cover the seeds about half an inch deep with rich, light soil, and, when the plants have three or four leaves, transplant about 15 inches apart each way. The seed can be sown in rows, where the plants are to remain, thinning them from six to twelve inches apart, according to variety. One of the best annuals for cut flowers.

	Per Pkt.
Imperial Daybreak. Flowers very large and double; color a shell pink. The plant flowers very early, and is a continuous free bloomer. Height, fifteen to twenty inches.	.10
Imperial Purity. Similar to Daybreak in form and habit of growth; the blooms are pure white.	.10
Imperial Lavender. The form of the flower, the habit of the plant, and the time of blooming are identical with Daybreak, but the color is a delicate lavender.	.10
Crego, Pink. A beautiful pure shell pink.	.15
Crego, White. Similar to Crego's Pink. Color, pure white.	.15
Vick's Violet King. In form the flower petals somewhat resemble the quilled varieties, but are much larger and broader. The bloom is round, full, and very large, many of the flowers measuring from four to five inches in diameter. Its color is a soft violet-lilac.	.10
Vick's Rose King. Identical with Violet King in form of flower and habit of plant, and produces flowers with equal freedom; the only difference is in the color.	.15
Vick's Mikado White. } The leading mid-season	.15
Vick's Mikado Pink. } Comet Asters.	
Vick's Mikado Rose. }	
Vick's Cardinal. This variety is particularly adapted for bedding, owing to its free blooming qualities and brilliant coloring.	.15
Vick's Royal Purple. A variety of dwarf growth, flowers large; color a rich shade of purple.	.10
Truffaut's Peony-Flowered Perfection. This variety has brilliant and showy assortment of colors. Flowers, medium size. Plant about eighteen inches high.	
White.....	.10
Light Blue.....	.10
Rose.....	.10
Mixed.....	.10
Sample's Branching. The plant grows 18 inches high, the blossoms, which are large and full-petaled, are borne on long stems or branches; flowers late in the autumn.	
White.....	.10
Pink.....	.10
Lavender.....	.10
Mixed.....	.10
Comet. A good variety, with large blossoms.	
White.....	.10
Fine Mixed.....	.10
Queen of the Market. One of the earliest blooming varieties. The plants are about 1 foot high, bearing from ten to fifteen finely formed flowers on long and graceful stems.	
Fine Mixed.....	.10

Dwarf Chrysanthemum Flowered.	
Finest Mixed.....	.10
Ball or Jewel. A dwarf fall-flowering variety; flowers quite round.	
Fine Mixed.....	.10
Quilled German. A showy class, from one and a half to two feet high, with quilled flowers and branching habit.	
Mixed Colors.....	.05
Cocardeau, or Crown. A variety producing very showy and bright colored flowers with white centres; 1½ feet.	
Finest Mixed.....	.10
Mixed Asters. Tall varieties mixed.....	.05



BACHELOR'S BUTTON

BACHELOR'S BUTTON. Hardy annual of easy culture, one of the most attractive of all the old-fashioned flowers. Sow the seed where it is to remain and thin to six inches.

Emperor William. Fine dark blue.....	.05
Rose.....	.05
Pink.....	.05
Finest Mixed.....	.05



BALSAM

BALSAM. A favorite garden flower, producing masses of beautiful brilliant-colored double flowers of easy culture; succeeds in a good rich soil; set the plants one foot apart; tender annuals; 2 feet.

Camelia Flowered. Mixed.....	.05
Rose Flowered. Fine mixture.....	.05
Double. Finest mixed.....	.05

	Per Pkt.
BARTONIA AUREA. A free-blooming showy, plant with large golden-yellow flowers; 18 inches.....	.05
BEANS, Flowering. Popular ornamental. Climbers, 6 to 8 feet.	
Butterfly Runner. Pink and white.....	.10
Scarlet Runner.....	.05
White Runner.....	.05
BEGONIA SEMPERFLORENS. Seeds sown in February and March give fine plants for bedding out in June.	
Choicest Mixed.....	.25



BELLIS PERENNIS

BELLIS PERENNIS (Double Daisy). Sow the seed very early. The flowers are abundant in early spring, and may be continued later by the use of water. Set about six inches apart in a cool border. Perennial.	
Longfellow. Large, rose-colored flowers.	.10
Snowball. Large, double, pure white, with long stiff stems.....	.10
Finest Mixed.....	.10
BRACHYCOMA (Swan River Daisy). A free-flowering plant of dwarf, compact growth, effective as edgings or in beds. Half-hardy annual. 1 foot.	
Iberifolia Blue.....	.10



BROWALLIA

BROWALLIA. Very handsome, free-flowering plants. 1½ ft.	
Elata. Blue.....	.05
Alba. White.....	.05
Mixed.....	.05
CALENDULA. Profuse blooming, dwarf annuals; of easy culture and flowering till frost.	

	Per Pkt.
Meteor. Handsome, double, and beautifully striped, the petals having a creamy center edged with orange-yellow.....	.05
Prince of Orange. Fine orange. Double.	.05
Mixed Varieties.....	.05
CALCEOLARIA. A tender perennial, used largely in greenhouses and conservatories.	
Carter's Victoria Prize. Mixed, all colors.	.15
CALLIOPSIS (or Coreopsis). A hardy annual, growing about two feet high, and valuable for bright bedding effects or for cutting. Blooms from June until September.	
Drummondii. Yellow, with maroon center.	.05
Nigra Speciosa. Dark maroon.....	.05
Mixed. Fine varieties.....	.05



CALENDULA

CANTERBURY BELL. Hardy biennials of rich color and profuse bloom. Succeeds best in light, rich soil and in the fall should be transplanted two feet apart and given some protection in severe winter weather; large bell-shaped flowers which are very effective. Height, two to four feet.	
Single Blue.....	.05
White.....	.05
Rose.....	.05
Mixed.....	.05
Double.....	.05
CANARY BIRD VINE. Half-hardy climbing annual, bearing an abundance of bright yellow, fringed flowers.....	.05



CANTERBURY BELL

CANDYTUFT. A hardy annual of easy culture and valuable for bedding or massing.	
Giant Hyacinth Flowered. Very large heads and long spikes of white flowers. 1 foot.	.05
Empress. Pure white pyramidal; fine for forcing.....	.05

CANDYTUFT — Continued.

	Per Pkt.	Per Pkt.
Crimson. 1 foot.....	.05	
Purple. 1 foot.....	.05	
Rose. 1 foot.....	.05	
White. 1 foot.....	.05	
Finest Mixed. 1 foot.....	.05	
Little Prince. Dwarf, white, 6 in.....	.10	
CANNA. The Canna will bloom from seed the first year if the seed is sown early. Seeds should be soaked for twenty-four hours in warm water before sowing.		
Crozy's Varieties. Mixed. New large-flowered and free-blooming sorts.....	.10	
CATCHFLY. Free-blooming, hardy plants of easiest cultivation, useful for beds and borders. 6 inches.....	.05	
Mixed colors.....	.05	
CENTAUREA.		
Candidissima (Dusty Miller). 1 foot. For borders or edgings.....	.10	
Gymnocarpa. Taller than the above.....	.10	
CHRYSANthemum (Annual). Summer blooming annuals, growing 12 to 18 inches high, very effective for beds or cut blooms.		
Single Mixed.....	.05	
Double Mixed.....	.05	
CINERARIA. Magnificent flowering plants for spring decoration for the conservatory or window garden. The flowers measure 2 to 3 inches across, are of white, blue, violet and crimson shades.		
Carter's Brilliant Prize. Choicest mixed. Large flowering.....	.25	
CLARKIA. Beautiful, hardy annuals with rose colored, white and purple flowers, in very brilliant shades. About one and one-half to two feet high and profuse bloomers.		
Single Mixed.....	.05	
Double Mixed.....	.05	
COBAEA. A rapid-growing climber, with handsome foliage and large bell-shaped flowers. Half hardy perennial.		
Scandens. Purple.....	.10	
COCKSCOMB. Very popular annuals of the easiest culture, producing large, ornamental comb-like heads; useful both for summer bedding and pot plants.		
Finest Dwarf Mixed.....	.10	
Thompsonii magnifica. Crimson.....	.10	
COLEUS. A tender perennial, growing about 10 to 18 inches high, and grown for its beautiful, bright-colored velvety leaves.		
Mixed Hybrids. From a large collection...	.15	
New Large Leaved Varieties.....	.25	
COLUMBINE. Well-known hardy perennials, bearing in great profusion through May and June exquisite flowers greatly varied in coloring, of easy culture, thriving best in dry soil, and growing well in partial shade. 1 to 3 feet.		
Single, Mixed Colors.....	.05	
Double, Mixed Colors.....	.05	
CONVOLVULUS major (Morning Glory). A handsome, showy climber of easy culture and suitable for covering windows, trellises, etc. The flowers are most brilliant in the morning and run through many shades from white to dark blue, red and striped. Hardy annual; ten feet high.		
Finest Mixed.....	.05	
Imperial Japanese. Handsome flowers of gigantic size and in colors ranging from snow white to carmine, through every shade of blue and purple to nearly black, and striped.		
CONVOLVULUS minor (Dwarf or Bush Varieties). Plants grow ten to twelve inches high, and are hardy annuals.....	.05	
COSMOS. A very effective flowering plant, quite hardy and rapid growing, forming bush-like plants 4 to 6 feet high and covered with large, single dahlia-like flowers. Start in March and transplant to open ground about June first.		
Early Flowering, Mixed.....	.10	
Lady Lenox. Color shell pink; when cut and placed in water it lasts a long time. Plants strong and vigorous, growing six to seven feet high.....	.05	
CYPRESS VINE. A summer climbing annual with fine feathery foliage and pretty star-shaped flowers.....	.05	
DAHLIA. A popular late summer and autumn flowering plant. Is grown from seed or propagated from the bulbous roots. The seed may be planted early in the hot-bed and the plants set out in May after all danger of frost is over. By sowing the seed early the plants may be made to bloom the first year.		
Double Mixed.....	.10	
Single Mixed.....	.10	
DATURA. Large, strong-growing plants, with large, trumpet-shaped flowers. Three feet.		
Finest Mixed.....	.05	
DELPHINIUM. Hardy perennials, with splendid flowers, very showy and indispensable for hardy beds or borders.		
Formosum. Deep blue.....	.05	
Double Hybrids, Finest Mixed.....	.10	
DIANTHUS, or Pinks. Hardy biennials that bloom the first season, remaining green all winter and blooming the next year also if lightly protected. Old plants flower the earliest, but as young ones give the largest, finest flowers, sowings are made every year. Seed can be sown under glass in the spring, or in an open, sheltered bed. The seedlings are easily transplanted. Average height, 1 foot.		



HEDDEWIGI PINK

Chinese Double Mixed. A mixture of brilliant coloring and marking.....	.05
Hedgewigi. Very large-flowering double, choicest mixed, extra fine strain.....	.05
Hedgewigi, Fireball. New, extra double, brilliant dark scarlet, very beautiful.....	.10
Chinese Single Mixed.....	.05

DIANTHUS, or Pinks—Continued.

Marguerite, Giant Mixed. The flowers are of brilliant colors, ranging through many beautiful shades of red, pink, white, variegated, etc.; they are of perfect form and large size. Those sown in spring commence flowering in early summer, and continue to bloom until checked by frost..... .10

Marguerite. Dark red..... .10

Marguerite. White..... .10

Carter's Choice Double Mixed Carnation. Beautiful variety, producing very double flowers of various shades and colors. Seed saved from choicest double flowers.... .25



ESCHSCHOLTZIA

DRACAENA. Ornamental plants for vases, baskets and house decorations.

Indivisa. Narrow green leaves..... .10

Veitchi. Variegated foliage, brilliant colors..... .15

ESCHSCHOLTZIA (California Poppy). The foliage is finely cut and has a bluish tinge, delicate and very attractive. The large, handsome flowers, two inches or more in diameter, are produced in great profusion all summer. Seeds can be sown where the plants are to bloom. Hardy annual; height one foot.

Californica. Deep yellow, orange center... .05

Orange..... .05

White..... .05

Carmine King. Carmine-rose..... .10

Mixed..... .05



FORGET-ME-NOT

FEVERFEW. Free-flowering annuals for bed, borders and pot culture.

Double White..... .05

Golden Feather. Very popular for edgings; 1 foot..... .05

FORGET-ME-NOT. A hardy perennial, growing 6 to 12 inches high. Small star-like flowers are borne in clusters on long stems. The plant is of easy culture and blooms the first year if seed is sown early.

Indigo Blue. Large dark blue flowers..... .05

Victoria. Large flowers; bright azure blue; dwarf habit; fine for borders..... .10

Fine Mixed..... .05



A. BLANC, PHILA.

FOXGLOVE

FOXGLOVE. The Foxgloves are highly ornamental plants. They are fine for the mixed border, or planted singly in half-shady places near a walk or drive. The racemes of flowers are often two feet in length, containing scores of the prettily-spotted, thimble-shaped flowers. Perfectly hardy. Sow seed in spring in the garden, and transplant as desired. Perennial. Mixed varieties..... .05

FRENCH HONEYSUCKLE (Hedysarum). Very handsome, free flowering plants, producing racemes of beautiful pea-shaped flowers; well adapted for borders or rock work. Hardy perennial; four feet high.

Scarlet..... .05

Album. White..... .05

GAILLARDIA. Very showy plants, with brilliant flowers blooming the first year. Hardy annuals and perennials, one to one and one-half feet high

Double Mixed. Annual..... .05

Perennial. Finest mixed..... .05



GOURDS

GLOBE AMARANTH. Globe-shaped, everlasting flowers. If cut when well matured, will retain their beauty through the winter. Tender annual; 12 to 18 inches high.

Fine Mixed..... .05

- GLOXINIA.** Greenhouse perennial plants, producing soft, velvety green leaves and rich, beautifully colored flowers.
Carter's Invincible Prize. Superb mixture... .25
- CODETIA.** Beautiful garden plants, having large, delicately shaded blossoms. Easily cultivated in garden soil. Hardy annual; about one foot high.
Finest Mixed..... .05
- GOURDS.** Ornamental, rapid growing trailing annuals, with curiously-shaped yellow fruit. Cultivate the same as melons or squashes; 10 to 20 feet.
Dipper or Calabash..... .05
Hercules' Club. Club-shaped; 4 feet long... .05
Egg-shaped. Fruit white like an egg..... .05
Orange-shaped (Mock Orange)..... .05
Bottle-shaped..... .05
Pear-shaped. Striped; very showy..... .05
Luffa (Dish-rag or Bonnet Gourd)..... .05
Sugar Trough..... .05
Mixed Varieties..... .05



HELICHRYSUM

- GRASSES (Ornamental).** Ornamental grasses serve the double purpose of rendering the mixed flower bed or border attractive during the summer and for the use of the spikes or panicles in a dried state in winter bouquets. For large beds or groups on lawns nothing gives a finer effect.
Avena Sterilis (Animated Oats). Drooping, very graceful. Annual; 2 feet..... .05
Briza Maxima (Quaking Grass). Very pretty. Annual; one and one-half feet..... .05
Coix Lacryma (Job's Tears). Grows two feet high..... .05
Eulalia Japonica. One of the most beautiful of the tall-growing grasses; 5 feet..... .10
Gynerium Argenteum (Pampas Grass). The finest ornamental grass in cultivation. Half-hardy perennial; 10 feet..... .10
Hordeum Jubatum (Squirrel Tail Grass). Fine..... .05
Stipa Pennata (Feather grass). One of the prettiest and most interesting. Perennial; 2 feet..... .05
- GREVILLEA ROBUSTA.** A graceful decorative plant with fern-like foliage; excellent for table decoration; easily raised from seed10
- GYPSOPHILIA.** Free-flowering, elegant plants, succeeding in any garden soil.
Elegans. Star-shaped, white and pink flowers..... .05
Paniculata (Baby's Breath). Fine for bouquets; white flowers; perennial..... .05

- HELICHRYSUM.** The well-known Everlasting Flower, and is everywhere prized for winter decoration. Hardy annual..... .05
Helichrysum Monstrosum fl. pl. (Everlasting). Finest Mixture..... .05
- HELIOTROPE.** This class of plants is one of the finest for cutting, as the delicious fragrance of all the varieties is very durable. For the same reason they make excellent house plants. Seed sown early in the spring in the house will make fine plants for summer bedding.
Queen Marguerite. Bears immense clusters of large, deep dark blue flowers. Very fragrant..... .10
Dark Varieties. Mixed..... .10



HELIOTROPE

- HOLLYHOCK.** A hardy perennial of upright, stately growth, five to eight feet high. The very double varieties are the most desirable. For a background to a flower garden nothing is better.
Chater's Finest Mixed. Double..... .10
Chater's Double Pure White..... .10
Single, Finest Mixed..... .10
- HONESTY (Satin Flower).** The flat silvery seed pods are used for winter decoration. Very handsome, free-flowering. Hardy biennial; 2 feet..... .05
- HUMULUS JAPONICUS (Japanese Hop).** Fast-growing annual climber; 12 feet..... .05



HOLLYHOCK

- HYACINTH BEAN.** Tender, climbing annual. Grows rapidly and is valuable for covering a trellis. The flowers are borne in great profusion. The shining purple seed pods are very ornamental. Tender annual, growing six to eight feet.
Finest Mixed..... .05

- ICE PLANT** (*Mesembryanthemum Crystallinum*). A pretty, half-hardy annual, with delicate, succulent, almost transparent branches and leaves. Of drooping habit, adapted to baskets, vase work and rockeries. Prized for its singular foliage..... .05
- JACOBAEA** (*Senecio*). A showy, free-flowering hardy annual. It produces in great profusion branching spikes of bright Cineraria-like double flowers one and one-half inches in diameter. Excellent for bouquets. Mixed colors..... .05
- KOCHIA TRICOPHYLLA** (*Summer Cypress*). A splendid ornamental annual plant, forming dense oval bushes two to two and one-half feet high, of small, feathery, light-green foliage. As summer advances, this changes to a carmine hue and finally to a fiery red. A very attractive plant..... .10
- LANTANA**. Very rapid growing, free-flowering plants that bloom through the latter part of summer and autumn. The plants form small shrubs, producing in abundance clusters of single, fragrant flowers that continually change color.05
- Finest French Hybrids Mixed**..... .05
- LARKSPUR**. Very ornamental plants, producing, in great variety of form and colors, some of the most beautiful flowers in cultivation.05
- Double Dwarf Rocket**. One foot in height. Mixed colors..... .05
- Stock-Flowered**. Double, branching; fine for cutting; 2 feet. Mixed colors..... .05



LOPHOSPERMUM SCANDENS

- LOPHOSPERMUM SCANDENS**. Tender climbing perennial, growing ten to twelve feet long, with showy purplish-rose blossoms something like Foxgloves..... .10
- LOVE-IN-A-MIST**. A hardy annual, one foot high, with finely cut foliage. Oddly shaped blossoms in blue and white, and curious seed pods. Of easy culture.05
- Finest Mixed**..... .05
- LOVE LIES BLEEDING**. Light yellowish-green foliage; long, drooping, crimson flower spikes. Plant three to four feet high. Hardy annual..... .05
- LUPINS**. Annual. Showy plants, with long spikes of bright-colored flowers. Used extensively for bedding and for cutting; height 2 feet.05
- Pink Beauty**. Tall spikes of an exquisite shell pink color..... .05
- Blue**..... .05
- Pink**..... .05
- White**..... .05
- Yellow**..... .05
- Mixed, All Colors**..... .05



LUPINS

- MALOPE**. Free-blooming hardy annuals, suitable for mixed borders and fine for cutting; height 3 feet.05
- Grandiflora Mixed**..... .05
- MARIGOLD** (*Tagetes*). A hardy annual plant, in dwarf and tall varieties, growing from six inches to two feet high; foliage bright green, deeply cut and graceful. The flowers are various shades of yellow and brown. The tall varieties are very valuable for large bedding or background work, and the dwarf varieties for borders. Seeds can be sown in a cold-frame or in a seed-bed in the open border, and the young plants transplanted late in the spring to where they are to remain. They succeed best in a light soil, with full exposure to the sun.05
- AFRICAN VARIETIES**
- Orange Quilled**. A double variety with quilled petals; flowers showy, bloom very early..... .05
- Lemon Queen**. Large lemon-colored flowers..... .05
- Finest Mixed**..... .05

FRENCH VARIETIES

- LAVENDER**. Chiefly cultivated for the delicious and lasting fragrance of its flowers; succeeds in any common garden soil. Perennial..... .05
- LINARIA**. *Cymbalaria* (Kenilworth Ivy). Lavender and purple. A charming, neat, hardy perennial trailing plant, suitable for baskets, vases and rock work..... .10
- LINUM**. *Grandiflorum Rubrum* (Scarlet Flax). A beautiful and effective plant of slender and delicate growth, having a profusion of bright flowers. Hardy annual; about one and one-half feet high..... .05
- LOBELIA**. The dwarf varieties are very useful for edging, and the trailing varieties for hanging-baskets and window-boxes.10
- Erinus gracilis**. Blue, trailing..... .10
- Erinus alba**. White flowers..... .10
- Crystal Palace compacta**. 6 inches. Dark blue, bedding variety..... .10

- Tall Double Mixed**..... .05
- Dwarf Double Mixed**..... .05
- Butterfly**. Double variety, brilliantly marked and striped. 1½ ft..... .10

FRENCH VARIETIES — Continued.

- Legion of Honor.** A single, dwarf variety, desirable for borders; rich golden yellow flowers with garnet blotches in center of each petal..... .05
- MARVEL OF PERU.** The flowers of this old-fashioned favorite open about four o'clock in the afternoon and fade the next morning. Two feet high, with bright foliage and fragrant flowers of desirable colors. Set plants two feet apart; makes a nice hedge if set a foot apart. Seed should be planted in the open ground where plants are desired.
- Mixed Colors**..... .05
- MAURANDIA.** Graceful climber for greenhouse, basket or outdoor purposes. The vines are covered with rich purple, white or rose-colored foxglove-shaped blossoms. Tender perennial, blooming the first season; usually about six feet high.
- Fine Mixed**..... .10



MIGNONETTE



PHLOX DRUMMONDII

- MIGNONETTE (Reseda).** A hardy annual, growing six to twelve inches high and bearing pyramidal-shaped flower spikes, which are exceedingly fragrant. Grows easily from seed and can either be transplanted from boxes or sown out in the garden and thinned to four or six inches. Valuable for potting, or for bedding, or for border.
- Sweet Scented**..... .05
- Carter's Perfection.** A giant, red-flowered variety, richly scented..... .10
- Defiance.** Immense spikes twelve to fifteen inches long, very fragrant..... .10
- White Pearl.** Long spikes of fragrant white flowers..... .10
- Parson's White.** Nearly white; strongly scented..... .05
- MIMULUS (Monkey Flower).** Handsome flowers of easy cultivation. Perennial in the greenhouse, annual in the open air.
- Mixed Spotted Varieties**..... .10
- MOURNING BRIDE (Scabiosa).** A very showy, free-flowering plant, producing a great profusion of beautiful and richly-colored flowers. Beautiful in the garden and excellent for bouquets. Twelve to eighteen inches high. Annual.
- The Fairy.** Fine azure-blue..... .05
- Snowball.** White..... .05
- Cherry**..... .05
- Rose**..... .05

- Black-purple**..... .05
- Finest Mixed**..... .05
- MUSK PLANT.** Fragrant plant, with small yellow blossoms, spotted lightly with brown.... .10
- NEMOPHILA.** A hardy annual, growing about six inches high. Has small, cup-shaped blossoms in white and shades of blue.
- Mixed**..... .05
- NICOTIANA.** Showy plants with slender, tall, flowering stems and fragrant flowers. Half-hardy annuals; about three feet high.
- Affinis.** White and very fragrant..... .05
- Affinis.** Mixed Hybrids. All colors..... .10
- Sanderae.** Flowers handsome carmine-red, very fragrant; hardy annual, easily grown... .10
- NIEREMBERGIA GRACILIS.** Tender Perennial. Suitable for house culture, or may be treated as a tender annual. Fine for baskets, vases, etc. Light blue saucer-shaped flowers..... .05
- OENOTHERA (Evening Primrose).** Fine, free-flowering plants, best for backgrounds or shrubbery border. They are of easiest culture, succeeding in almost any kind of soil, but should have a sunny position.
- Annual Sorts. Mixed**..... .05
- OXALIS.** Beautiful small plants, suitable for the greenhouse, rock work or outdoor culture, flowering the first year; half-hardy perennials; 9 inches.
- White and Pink Mixed**..... .10
- PASSION FLOWER (Passiflora).** A half-hardy perennial climber; grows luxuriantly either from cuttings or seed. A very satisfactory climber for immense growth, as it will cover a porch or small cottage in one summer.
- Fine Mixed**..... .10
- PETUNIA.** Free flowering and easily cultivated; well-known favorites. They thrive in almost any soil and produce a brilliant array of color throughout the season. The seed will germinate with little difficulty if a reasonable amount of care is used in sowing. Be sure that the soil is well pulverized; then sow the seeds on the surface, pressing them into the soil by using a small, smooth board and cover very lightly with fine soil.
- Large-Flowered Single, Fringed.** Choice mixed..... .25
- Large-Flowered Double, Fringed.** Choice mixed..... .25
- Giants of California.** Nearly all the flowers are ruffled or fringed, and measure from four to five inches across. The great variety of colors, blotchings, stripings and veinings make beautiful combinations..... .25
- Pure White**..... .10
- Choice Mixed.** Striped and blotched..... .10
- Fine Mixed.** All colors..... .05
- PHLOX DRUMMONDII.** A hardy annual, bearing beautiful and brilliantly colored flowers. For brilliant effect and continuous blooming in the flower garden the Phlox cannot be surpassed. Excellent for masses of separate colors or for bouquets. One foot high.
- Alba pura.** Pure White..... .05
- Alba Occulata.** Dark purple, white eye..... .05
- Brilliant.** Bright scarlet..... .05
- Finest Mixed.** Best large-flowered varieties..... .05
- Finest Mixed Dwarf.**..... .10
- Decussata (Perennial).** Finest mixed..... .10

NASTURTIIUM

A popular flower which is in constant bloom throughout the season, making a better display than almost any other plant. New colors are being developed, and in our list will be found all the best varieties that have been introduced.

Nasturtiums are of the easiest culture and require very little care after the seed is sown, merely weeding and the seed-balls picked off. If these are permitted to mature, the beauty of the plant is soon lost. Plant the seed one inch deep in moderately good soil. The tall sorts are specially adapted for covering unsightly fences or trailing over rocks and rough ground. Hardy annual.



NASTURTIIUM

DWARF VARIETIES

Of dwarf, compact growth; bloom in two months from sowing, and most profusely the whole season. One foot high.

Aurora. Light reddish-orange, veined with carmine.....	.05
Beauty. Scarlet and yellow.....	.05
Chameleon. Mottled crimson, bronze and yellow.....	.05
Crimson.....	.05
Crystal Palace Gem. Sulphur-yellow, spotted with carmine.....	.05
Empress of India. A splendid variety, with dark leaves and crimson flowers.....	.05
Golden Cloth. Golden yellow leaves, scarlet flowers.....	.05
Golden King. Golden yellow.....	.05
Golden Midnight (new). The foliage is a light yellowish-green, while the flowers are of such a dark maroon as to seem almost black; oz. 20c.....	.10
King of Tom Thumbs. Dark foliage, scarlet flowers.....	.05
King Theodore. Intensely dark crimson or chocolate.....	.05
Lady Bird. Yellow and red spotted.....	.05

Pearl. Creamy white.....	.05
Prince Henry. Cream, marbled scarlet.....	.05
Rose.....	.05
Ruby King. Crimson rose.....	.05
Scarlet.....	.05
Extra Choice Mixture. 1 lb. \$1 00, ¼ lb. 30c., 2 oz. 20c., oz. 10c.....	.05
Collection of Six Varieties.....	.25

TALL OR CLIMBING VARIETIES 10 to 12 feet

Coccineum. Scarlet.....	.05
Dark Crimson.....	.05
Dunnett's Orange. Deep orange.....	.05
Eduard Otto. Brownish lilac.....	.05
Heinemann. Chocolate color.....	.05
Hemisphaericum. Orange-salmon and scarlet.....	.05
King Theodore. Dark red, extra fine.....	.05
Jupiter. Very large, deep golden-yellow flowers; very large foliage and strong growing; free blooming.....	.05
Pearl. Creamy white.....	.05
Prince Henry. Light yellow, marbled with scarlet.....	.05
Scheuerianum. Straw-color, brown striped.....	.05
Scheuerianum coccineum. Scarlet striped.....	.05
Schillingi. Bright yellow, blotched with maroon.....	.05
Vesuvius. Brilliant salmon-rose, dark leaved.....	.05
Von Moltke. Bluish rose.....	.05
Yellow.....	.05
Extra Choice Mixture. 1 lb. \$1.00, ¼ lb. 30c., 2 oz. 20c., 1 oz. 10c.....	.05

POLYANTHUS (Primula Elatior). Early spring, free-flowering plants, fine for either pot or outdoor culture; hardy perennials; 9 inches. .10

POPPY (Papaver). The seed should be sown as early in the spring as possible where they are to remain, as they do not stand transplanting. Thin to six or twelve inches. If left thick the plants will be weak and the blossoms inferior. For beds and borders with a background of green there is nothing finer. Some sorts are admirable for naturalizing in open wooded grounds; others, like the Shirley, are beautiful for cutting.

SINGLE ANNUAL POPPIES

Admiral. A single pæony-flowered variety, having large, smooth-edged flowers of glistening white, with a broad band of brilliant scarlet around the top.....	.10
Shirley. The most beautiful type of poppies, having soft foliage and an immense variety of single blossoms in white, pink, lavender, purple, shades of red and scarlet; the best and most showy of all single poppies.....	.05
Danebrog. Large flowers of brilliant scarlet, with a silver spot on each of the petals.....	.05
Tulip. Dazzling scarlet tulip-shaped flowers.....	.05

DOUBLE ANNUAL POPPIES

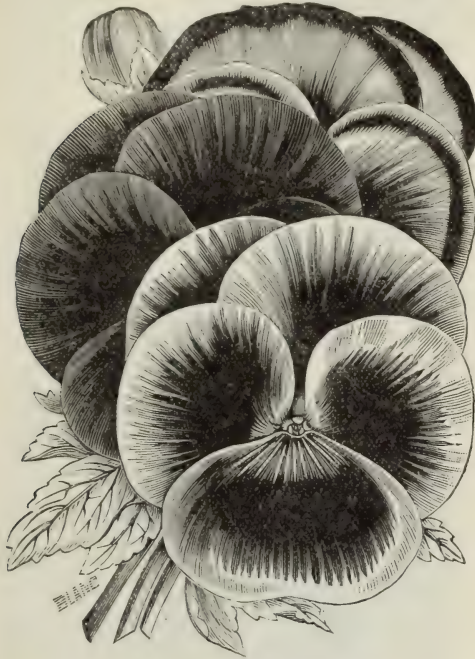
Pæony Flowered. Large, showy flowers, with broad petals; colors range from white to pink, carmine, scarlet, crimson and maroon.....	.05
Carnation, Double Mixed. Large, showy, double flowers of various colors.....	.05
Carnation, Large Double. Scarlet.....	.05
White Swan. Pure white, fringed.....	.05

PERENNIAL POPPIES

Oriente. One of the most striking and showy of the garden perennials; flowers large, brilliant crimson with a black blotch on each petal.....	.10
Iceland. Brilliant colors. Blooms first year from seed.....	.05

PANSY

Pansies thrive best in a moist, shady location and in rich, loamy soil. Seed should be sown in the autumn for early spring blossoms. If sown in the spring, get it in as early as possible, so as to secure flowers during the early rains. Seeds sown in a cool place in May or June, and well watered until up, will produce fall-flowering plants. To have good flowers, the plants must be vigorous and make a rapid growth; use manure liberally.



PANSY

- Mammoth Five-blotted.** Are of full round form and comprise the most magnificent colors... .25
- Bugnot's Giant Spotted.** Very large flowers and beautiful colors... .15
- Odier or Blotched.** A very showy variety, with dark blotches on the petals... .15
- Parisian Large Flowered Striped.** Extra large flowers... .15
- Giant Odier, Five-spotted White.** Flowers large and perfectly round; the most attractive of all white pansies... .15
- Giant Odier, Five-spotted Golden-Yellow.** Flowers extra large, perfectly round and exceedingly attractive; the most beautiful of all yellow pansies... .15
- Triumph of the Giant.** Immense flowers of great brilliancy. The plants are of rapid growth, and form compact bushes of round shape, with strikingly large, healthy looking foliage... .25
- Giant Vulcan (new).** Very large, brilliant dark red with black blotches... .25
- Carter's Fancy Striped.** Elegantly striped, splashed and mottled. The flowers are large and freely produced, and the habit of the plant dwarf and compact... .15

- Carter's Peacock.** The only variety possessing the true peacock blue color... .10
- Masterpiece.** These pansies have a most beautiful combination of rich velvety coloring and attractive wavy or ruffled petals. This wavy effect gives a graceful appearance rarely seen in pansies... .25
- Lord Beaconsfield.** Purple and lavender... .10
- King of the Blacks**... .10
- Pure White**... .10
- Pure Yellow**... .10
- "A. S. & L." Choice mixed**... .10
- Fine Mixed**... .05

PORTULACA. The plants are of low growth and spreading habit. The flowers of the double varieties are like small roses, and make a particularly brilliant show. Sow seed in the open ground as soon as the weather is warm, or in a hot-bed earlier. The plants can be transplanted when in full flower. Annual.

- Finest Single Mixed**... .05
- Finest Double Mixed**... .10



PRIMULA



PORTULACA

PRIMULA. A beautiful flowering plant for winter decoration in the home or conservatory. Sow the seed in well drained, shallow pans from April to the last of July, to insure flowering the following winter. Use finely sifted leaf mold, loam and sand in equal parts.

SINGLE PRIMULA

- Sinensis Fimbriata.** Fringed varieties, Choice mixed... .25
- Sinensis (Alba Magnifica).** Pure white... .25
- Sinensis (Coccinea).** Bright red... .25

DOUBLE PRIMULA

- Sinensis.** Double Fringed. Choicest mixed... .50
- Sinensis.** Double White... .50

PRINCE'S FEATHER. Tall spikes of red flowers. Three feet... .05

RICINUS (Castor Oil Bean). A half-hardy annual, growing from 6 to 15 feet high and bearing large, green, deep purple and brown leaves, and bright orange and scarlet flowers. Of the easiest culture. Fine for lawns, massing or center plants for beds.

- Borboniensis.** Green foliage, 15 feet... .05
- Cambodgensis.** Dark maroon; stems black; 15 feet... .05
- Gibsoni.** Deep red foliage; 5 feet... .05
- Sanguineus.** Red stems and seeds; 6 feet... .05
- Philippiensis.** A variety from the Philippines; gigantic purple foliage; 10 feet... .05
- Zanzibarensis.** A large-leaved variety, deep green and bronze. 8 to 10 feet... .05
- Mixed Varieties**... .05

- RHODANTHE.** Fine for garden. Comes into flower early and continues a long time. One of the best everlastings for bouquets.
Fine Single Mixed..... .10
- ROSE CAMPION.** Fine scarlet flowers; 2 feet. Hardy perennial..... .05
- RUDBECKIA (Cone-Flower).** Robust-growing plants, very popular for border decoration..... .05
- Bicolor Superba.** Bright yellow with black-purple center; 3 feet. Annual..... .05
- SALPIGLOSSIS.** Very showy bedding or border plants with richly-colored flowers which are purple, scarlet, crimson, yellow, buff, blue or almost black, beautifully marbled and pencilled. Half-hardy annual; 2 feet.
Finest Mixed..... .10
- SALVIA.** They bloom from middle of July to frost. Sow seed early indoors or in a frame in time to get good plants to set out of doors the latter part of May. Set plants 1 foot apart. Half-hardy annual.
Bonfire. Very compact, with long, erect spikes of brilliant scarlet flowers. The finest Salvia for bedding..... .10
- Splendens.** Bright scarlet spikes, varying from 16 to 24 inches in length..... .10
- Patens.** Bright blue, extra large flowers. Height 1 1-2 to 2 feet..... .10



SALPIGLOSSIS

- SCHIZANTHUS.** Hardy annuals, growing one and one-half to two feet high, and covered with bright, showy, butterfly-like blossoms. Large flowering. Mixed..... .05
- SENSITIVE PLANT.** Curious and interesting annuals, with pinkish-white flowers; the leaves close and droop when touched or shaken; 1½ feet..... .05
- SMILAX.** A climbing perennial, with beautiful, bright-green, glossy leaves, much esteemed for its long, delicate sprays of foliage. Largely used for decorating. It requires strings or wires to climb on..... .10
- STOCKS.** Hardy annuals, two feet high, with spikes densely covered with beautiful double flowers of almost every desirable tint. Seeds may be sown in the open ground, hot-bed or cold-frame, but transplanting should be done when the plants are just out of the seed-leaf. Make the soil deep and rich, and set the plants a foot apart. Large flowering, ten weeks.
Light Blue..... .10
Blood Red..... .10
Canary Yellow..... .10
Snow White..... .10

- Fine Mixed**..... .10
- Giant Perfection.** White..... .10
- Giant Perfection.** Mixed..... .10
- Dresden Perpetual** (Cut-and-Come-Again, or Princess Alice). Pure white. Plants of robust growth and branching habit. If sown early commences blooming in June and continues until frost. Fine for cutting..... .10

EARLY LARGE-FLOWERING WINTER STOCK

- Beauty of Nice.** Strong spikes, with large flowers of a delicate fleshy pink..... .10
- Queen Alexandra.** New. Rosy lilac, similar to preceding. Splendid..... .10
- STEVIA.** A tender perennial, one and one-half feet high and bearing clusters of small, white, fragrant blossoms. Suitable for summer or winter blooming.
Serrata..... .10
- SUNFLOWER (Helianthus).** Hardy annuals, growing from three to six feet high. Of the easiest culture and suitable for a stately row or background. Plant in light or sandy soil.
Californian. Splendid variety, with magnificent heads of double orange flowers..... .05
- Miniature.** Small, single, rich yellow flowers; 4 feet..... .05
- SWEET CLOVER.** A half-hardy perennial, much resembling the common red clover, and valuable for its fragrance..... .05



SWEET WILLIAM

- SWEET ROCKET.** Fragrant, hardy perennial, growing freely in ordinary soils.
Mixed. Purple and White..... .05
- SWEET SULTAN.** Large, sweet-scented flowers on long stems, 2 to three feet.
Mixed..... .05
- SWEET WILLIAM.** An old-fashioned plant, producing its large heads of beautifully colored, sweet-scented flowers. It is hardy and easily grown. Hardy perennial; 1½ feet.
Holborn Glory. Large flowers of the most beautiful shades..... .10
- Auricula-flowered.** Single varieties, mixed.. .05
- Double Varieties.** Mixed..... .05
- TASSEL FLOWER.** A new annual, of easy culture, with tassel-shaped flowers, blooming profusely from July to October; 18 inches... .05
- THUNBERGIA.** For house culture, baskets and vases, there are few plants superior to the Thunbergia, as they are beautiful, rapid-growing annual climbers, with pretty flowers (white, buff or orange, with dark eyes), borne in profusion. Mixed colors..... .10

SWEET PEAS

The popularity of Sweet Peas is demonstrated by the many and beautiful varieties that are introduced each year. Our list includes all the best up-to-date varieties.

Sow as early as the ground can be prepared in a deep, rich, moist soil, in drills six inches deep, covering about two inches deep. As the vines grow, fill up the trenches with soil and thin out to about four or five inches apart. A popular plan at the present time is to sow in double rows with a trellis or a row of brush between.



SWEET PEAS

WAVED OR SPENCER TYPES

- America Spencer.** Red flakes on white ground. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 70c.
- Apple Blossom Spencer.** Very large, standard very bright rose, wings primrose with a flush of rose tint. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 70c.
- Asta Ohn Spencer.** The best lavender Spencer, very large and wavy. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 70c.
- Aurora Spencer.** White, with stripes and flakes of orange-pink. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.
- Captain of the Blues Spencer.** Deep blue. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 70c.
- Countess Spencer.** The original giant-flowered Spencer. Clear pink. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 70c.
- Dainty Spencer.** White with rose-pink edges. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.
- Ethel Roosevelt Spencer (new).** Straw color, overlaid with dainty flakes and splashes of blush crimson. Pkt. 15c., oz. 75c.

- Evelyn Hemus Spencer.** Buff and primrose, with clear rose margin. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.
- Florence Morse Spencer.** Petals large and very wavy. White and blush with pink edge. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 70c.
- Helen Lewis Spencer.** Very large orange-pink, with bright orange standard. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 70c.
- John Ingman Spencer.** Rose-crimson. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 70c.
- King Edward Spencer.** The best pure red Spencer, very large. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.
- Marie Corelli Spencer.** Rose-carmine. Pkt. 15c., oz. 50c.
- Miriam Beaver Spencer.** Apricot-pink. Pkt. 15c., oz. 50c.
- Mrs. Routzahn Spencer.** Straw color tinted with blush pink. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.
- Mrs. C. W. Breadmore Spencer.** Primrose with rose edge. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.
- Othello Spencer.** Deep, rich maroon. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 70c.
- Princess Victoria Spencer.** White with pink margin. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.
- Paradise Ivory Spencer.** Buff with blush tint. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.
- Primrose Spencer.** Clear primrose color, fine large wavy standard and wings. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.
- Ramona Spencer.** White with blush stripes. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.
- Senator Spencer.** White with chocolate stripes. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.
- White Spencer.** The best White. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.
- W. T. Hutchins Spencer.** Primrose and buff shaded blush pink. The blossoms are of immense size and of the true Spencer form, ruffled and waved. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00.
- Superb Spencer Mixed.** A splendid mixture of true Spencer types only. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

UNWIN VARIETIES

- Frank Dolby Unwin.** Lavender. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Gladys Unwin.** Pink. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Nora Unwin.** White. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Phyllis Unwin.** Rose and carmine. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.

GRANDIFLORA VARIETIES

- America.** Bright red striped on white. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Aurora.** Orange-rose striped on white. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Apple Blossom.** Shaded pink and white. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Black Knight.** Deep maroon. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Blanche Burpee.** Large, pure white. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Blanche Ferry.** Pink and white. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Bolton's Pink.** Large, orange-pink. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Captain of the Blues.** Bright purple and pale blue. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Coccinea.** Cherry-red. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Countess of Cadogan.** Standard purple, wings clear blue. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.

SWEET PEAS—Continued.

- Countess of Radnor.** Pale lavender. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Dainty.** White, with pink edge. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Dorothy Eckford.** Fine pure white, large. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- David R. Williamson.** Large purple-blue. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Duke of Westminster.** Purple, tinted with violet. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 40c., lb. 75c.
- Earliest of All.** The first to bloom, pink and white. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Emily Eckford.** Lavender-blue. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Emily Henderson.** White, large size. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Gorgeous.** Scarlet, orange and rose. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Helen Pierce.** Mottled blue on white. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Hon. Mrs. E. Kenyon.** Primrose, large. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Hon. F. Bouverie.** Standard and wings both deep pink at base, shading to light pink. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Janet Scott.** Deep bright pink. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Katherine Tracy.** Brilliant pink, large flowering. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- King Edward VII.** Scarlet, very large. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Lady Grisel Hamilton.** Lavender. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Lord Nelson.** Deeper and richer shade than Navy Blue. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Lord Roseberry.** Rose, flushed crimson; large size. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Lovely.** Soft shell pink; large flowering. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Miss Wilmott.** Orange-pink; very large flowering. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Mrs. Walter Wright.** Deep mauve. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Navy Blue.** Standard indigo and violet, wings violet and bright blue. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Othello.** Very dark maroon, of fine form and large size. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Phenomenal.** White ground, shaded and edged blue. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Prince Olaf.** Bright blue and white striped. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Prince of Wales.** Rose-crimson. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Sadie Burpee.** The largest pure white. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Shasta.** Very large, pure white. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- St. George.** Brilliant orange-pink. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.
- Stella Morse.** Buff, tinted pink. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.

EARLY FLOWERING OR CHRISTMAS VARIETIES

- Canary.** Primrose. Pkt. 5c., oz. 10c.
- Christmas Meteor.** Bright red. Pkt. 5c., oz. 10c.
- Christmas Pink.** Pink and white. Pkt. 5c., oz. 10c.
- Florence Denzer.** Pure white. Pkt. 5c., oz. 10c.
- Mrs. Chas. H. Totty.** Lavender. Pkt. 5c., oz. 10c.
- Mrs. F. J. Dalansky.** Pink. Pkt. 5c., oz. 10c.

A. S. & L. SPECIAL MIXTURE. This mixture is made up by ourselves from the best-named varieties and cannot fail to give satisfaction. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 35c., lb. 60c. Postpaid.

Mixed, All Colors. A good mixture. Oz. 5c., $\frac{1}{4}$ lb. 15c., lb. 40c. Postpaid.

CUPID SWEET PEAS. Compact plants, growing six to seven inches high; excellent for edgings or pot culture.

Pink. Pkt. 5c., oz. 10c.

Primrose. Yellow. Pkt. 5c., oz. 10c.

Countess of Radnor. Lavender. Pkt. 5c., oz. 10c.

Beauty. White, shaded pink. Pkt. 5c., oz. 10c.

Firefly. Bright red. Pkt. 5c., oz. 10c.

White. Pure white. Pkt. 5c., oz. 10c.

Perennial Peas. Perfectly hardy. Grow five feet high. Mixed varieties. Pkt. 5c.

VERBENA. A half-hardy, trailing perennial of easy culture. While it grows readily from division of the root or from cuttings, it does best from seed. It is well known as a bedding or border plant.

Mammoth Flowered. Various colors, with large white center..... .10

Fine Mixed..... .05

Mammoth White..... .10

Mammoth Pink..... .10

Mammoth Scarlet..... .10

Mammoth Purple..... .10

Lemon Scented. Lemon scented foliage..... .10

VIOLA ODORATA. Fragrant spring-blooming plants; hardy perennial.

Single Mixed. Blue and White..... .10

VIRGINIA STOCKS. Sweet-scented hardy annual.

Mixed..... .05

WALLFLOWER. An old favorite garden flower. The large, massive spikes of the Wallflower are very conspicuous in beds and borders and are very useful in making bouquets. Tender perennial; height about 1 $\frac{1}{2}$ feet.

Single, Fine Mixed..... .10

WHITLAVIA. Showy annual. Bell-shaped flowers; excellent for small beds or ribbon border..... .05

WILD CUCUMBER (Echinocystis Lobata). This is a useful climber where a rapid and vigorous growth of vine is desired. To cover or to screen an unsightly building, there is perhaps no annual climber better adapted for the purpose. The vine is thickly covered with white, fragrant flowers. Hardy annual..... .05

ZEA JAPONICA (Striped Japanese Maize). Very ornamental variegated foliage..... .05

ZINNIA. A half-hardy annual, growing from one to two feet high. One of the most brilliant and showy plants. They flower early in the summer and keep on blooming until frost. Sow in boxes early and transplant.

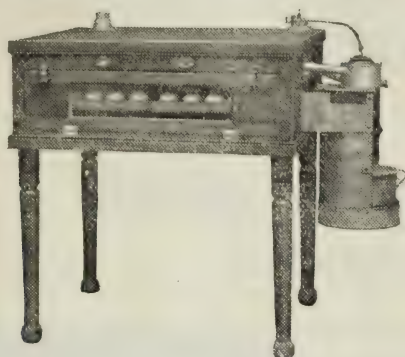
Mammoth (Robusta Plenissima). Very large double flowers, of many striking colors..... .10

Tall, Double Mixed..... .05

Dwarf, Double Mixed..... .05

WILD GARDEN SEEDS. A mixture of over one hundred varieties of hardy flower seeds. Oz. 10c.

We are Sole Portland Agents for BUCKEYE INCUBATORS



Standard "110"

The Buckeye Circulating Hot Water System

Each BUCKEYE incubator has a hot water tank suspended above the eggs. This tank is attached to a boiler on the outside of the case, in which the water is heated by the lamp. Two tubes connect the tank and boiler, one of which carries the heated water from the boiler to the tank and the other carries the water back to the boiler to be heated again.

The arrangement of this heating system is such that the hot water is constantly circulating through the tank, THEREBY MAINTAINING AN ABSOLUTELY UNIFORM TEMPERATURE AT EVERY POINT IN THE EGG TRAY.

Write us for a Copy of "Incubator Facts," it is Free.

... Prices ...

Standard	" 60 "	Capacity	60 Eggs.	\$10.00
"	" 110 "	"	110 "	15.00
"	" 220 "	"	220 "	22.50
Style	A,	"	60 "	8.00
"	C,	"	50 "	6.00

**THERE ARE OVER
225,000 BUCKEYE INCUBATORS
IN SUCCESSFUL OPERATION**

"Anybody Can Hatch Chickens With a BUCKEYE"

Everything connected with a Buckeye Incubator is so simple that a beginner can operate them just as successfully as the experienced poultryman.

GUARANTEE

"This BUCKEYE incubator is guaranteed to hatch every hatchable egg, to be complete in every detail, and in perfect working order.

We guarantee the efficiency of all its mechanical parts, and the material of which it is constructed is guaranteed against deterioration from wear for a period of five (5) years.

If this incubator, or any part thereof, should fail to fulfill our guarantee, the entire machine or any defective part (excepting thermometers and lamp burners) may be returned to us any time within five (5) years, and we will place same in perfect working order, or replace it, without charge.

Thermometers and lamp burners are guaranteed against defect and breakage upon arrival. Should either be defective or broken upon arrival, we will replace them without charge."

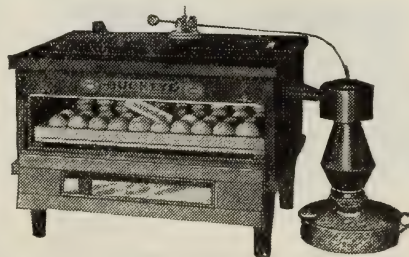
(Signed) THE BUCKEYE INCUBATOR CO.

This Guarantee goes with EVERY BUCKEYE INCUBATOR, regardless of price.

UNDERWRITERS' LABORATORIES, INC.
INSPECTED INCUBATOR
No 27957

Underwriters' Label of Approval

Every BUCKEYE "STANDARD" INCUBATOR bears this label.



Style C

THE WORLD-FAMOUS "ESSEX-MODEL" INCUBATORS

The Essex-Model "STANDARD," The Only HARDWOOD INCUBATOR

These "STANDARD" machines are known as the "World's Best Hatchers." In addition to being the only Incubators built of Hardwood (High-grade Chestnut) they possess double walls and tops, thoroughly insulated and packed; doors of double glass; metal heaters with heavy asbestos jacket; New 1912 self-adjusting lamp support; and are equipped with the **Essex-Corrugated Thermostat** (Patented), the most sensitive and quickest-acting Heat Regulator made. In addition to their Superiority they hold more eggs than any other High-grade machine at the price. **They are the Highest-grade Incubators manufactured anywhere—at any price.** They combine in the highest degree **Strength, Durability, Finish and Hatchability.** (If you would like more information, please write for Catalogue.)



Standard No. 0 Essex-Model, 100 Eggs	.	.	Price \$17.00
Standard No. 1 Essex-Model, 175 Eggs	.	.	Price 23.00
Standard No. 2 Essex-Model, 275 Eggs	.	.	Price 32.00
Standard No. 3 Essex-Model, 410 Eggs	.	.	Price 37.00

ESSEX-MODEL BROODERS



ESSEX-MODEL BROODER

Essex-Model Brooders are known wherever poultry is raised by reason of their splendid combination of Light, Heat, Ventilation and Floor Space, so designed as to afford young chicks natural conditions without natural dangers; ventilation without draughts; heat without oil fumes; light sufficient for their needs; but not so much as to allow a great variation in temperature between night and day; **and an amount of floor space that is not equalled at the prices in any other High-Grade Brooder.** They mother the

chicks better than a hen, because they possess [the advantages without the dangers and discomforts of natural brooding.

BUCKEYE Top Heat, Self-Regulating BROODERS

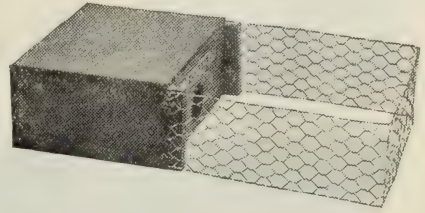
THE CIRCULATING HOT WATER SYSTEM PROTECTS THE CHICKS IN CASE THE LAMP SHOULD BE NEGLECTED OR ACCIDENTLY PUT OUT.

BUCKEYE Lampless BROODERS

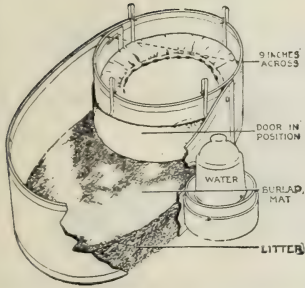
The lampless brooder is no longer an experiment, but on the contrary has proven to be one of the most valuable developments of recent years in connection with the poultry industry.

No. 5 Capacity, 25 chicks. Complete ready to use **\$1.50**

No. 6 Capacity, 50 chicks. Complete ready to use **\$2.50**



THE LULLABY BROODER



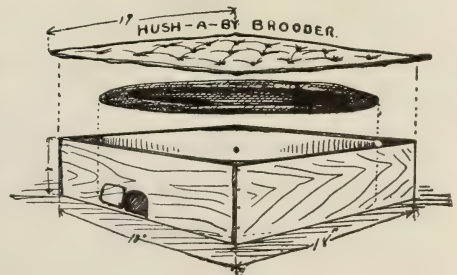
In a "Lullaby" Brooder the chickens sit in the litter with two very open blankets over them through which any foul air will readily pass off. They are also sitting on litter, through which any of the same poisonous gases may readily work down and out; in fact they are never in any air that is not as pure as the air surrounding the brooder. Now compare this condition with that which encloses the youngsters in a heated brooder, and you will realize why the tremendous mortality has kept up.

It costs nearly or quite as much for oil to heat a modern heated brooder for six weeks, as it does to buy a "Lullaby" Brooder, and after two or three days' time, during which the "Lullaby" Brooder takes no more attention than the heated brooder, you can forget it altogether, except at feeding time.

Price \$1.50

LYON'S HUSH-A-BY BROODER

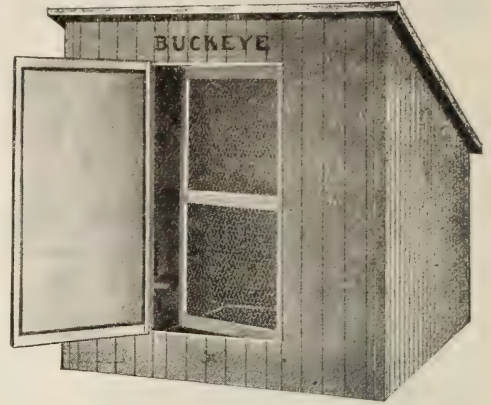
Manufacturer claims the "Hush-a-by" to be a perfect sanitary brooder. It is substantially constructed. The rectangular outer frame, encloses a cylindrical hover allowing a dead air space entirely around the hover, thus providing a perfect system of ventilation.



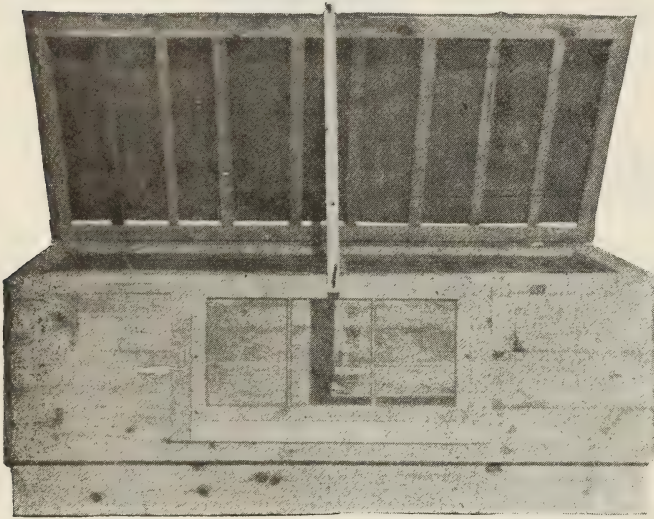
Price \$2.00

THE BUCKEYE NO-YARD POULTRY HOUSE

Each house is equipped with three laying boxes, two roosts, dropping board and feeding platform. All complete, ready for the hens. The house is six feet wide, eight feet deep and six and one-half feet high at the front, affording plenty of room for 15 to 20 hens. The lumber used in the construction is heavy, high-grade material. It receives two coats of gray paint (lead and oil) which gives it a handsome rich appearance seldom seen on a poultry house. Galvanized Steel Roof.



**Price \$30.00, delivered to your
railroad station.**



THE STERLING SUMMER AND WINTER COOP FOR POULTRY

(Coop Open for Feeding)

Size 6 feet x 3 feet x 3 feet.

Price \$10.00

The Pine Tree Poultry House

Size front, 6 feet; width, 4 feet; height of front, 6 feet; height of back, 4 feet 6 inches. Equipped with nests and roosts. Will accommodate 10 hens.

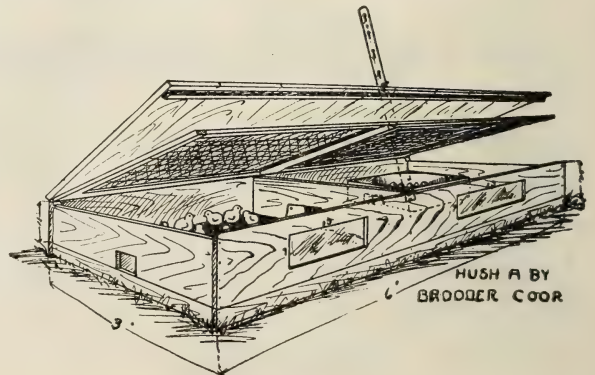
Price \$15.00

Lyon's Hush-a-by Brooder Coop

To be used in connection with the Hush-a-by Brooder.

It is Rat and Cat proof and so constructed as to retain the animal heat of the chicks.

Price \$10.00



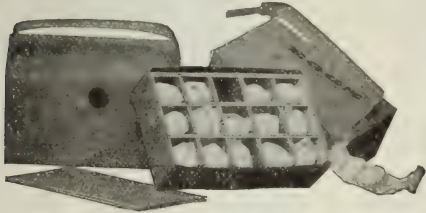
Don't Buy any Brooding Device until you see the INTERNATIONAL SANITARY HOVER

The International Sanitary Hover has the distinct and generally acknowledged advantage over all other brooding devices—providing a higher temperature at the outer edge, thereby inducing the chicks to spread out comfortably just behind the curtain.

THEY DO NOT CROWD IN THE SANITARY
Just like going under the Mother Hen's Wing, only there are
No Lice to greet them

Price, Complete, \$8.50

EYRIE EGG SHIPPING BOX

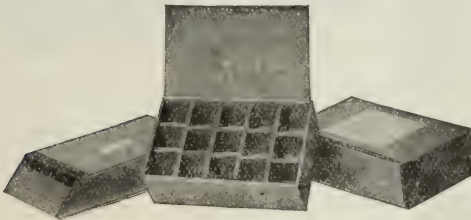


For shipping hatching eggs by express. Made of heavy corrugated cardboard, very strong, compact, light and convenient.

1 setting, each, 15c.; \$1.50 per doz.

2 setting, each, 20c.; \$2.00 per doz.

THE ANDERSON EGG BOX

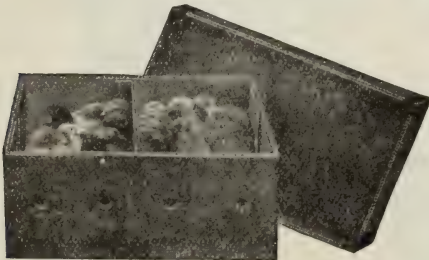


Made of corrugated paper with double-faced corrugated paper partitions protecting each individual egg. Folded flat for shipment.

1 Setting \$1.15 per doz. 50 Egg Size \$2.75 per doz.

2 Setting \$1.90 per doz. 100 Egg Size \$4.50 per doz.

THE SEFTON LIVE CHICK BOX



Made from corrugated paper throughout. It is lighter and much more convenient than wooden boxes and in some instances the amount saved in Express Charges alone will pay for the box.

It is shipped to you folded flat, very easily set up.

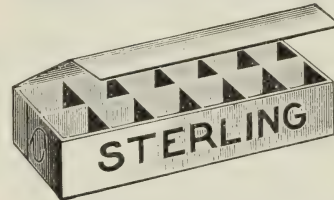
25 Chicks Size 12x 6x5 \$1.25 per doz.

50 Chicks Size 22x12x5 1.75 per doz.

100 Chicks Size 24x12x5 2.90 per doz.



Sterling Paper Egg Boxes



A new shape especially adapted for Family Egg Trade. These boxes are intended for use in delivering eggs to private families. They are of a very convenient size; are shipped knock-down and can be readily set up.

Price per doz.	\$.15
" " 25	.25
" " 100	.70
" " 1000	6.00

The Eyrie Shipping Coop



A Strong, Light Weight Coop for Shipping Fancy Fowls

The body is made from extra heavy Corrugated Fibre Board, protecting the fowls from draughts, heat and cold. The top and bottom are strongly constructed of wood. They are folded flat for shipment, greatly reducing freight and express charges.

No.	A	Size	Each	Doz.
"	B	12x16x18	\$.40	\$3.75
"	B	12x18x22	.45	4.25
"	C	12x22x22	.50	5.00
"	D	20x22x22	.55	6.00
"	E	20x24x22	.60	6.50

NORWICH AUTOMATIC FEEDER

Fill the Hopper with any dry grain feed, or any mixture of dry grain feed, and the Revolving Bait Bar with cracked corn. Stand the Feeder anywhere in the yard, pen or house, and put any kind of litter under machine. Adjust valve to feed desired quantity. Adjust legs for required height.

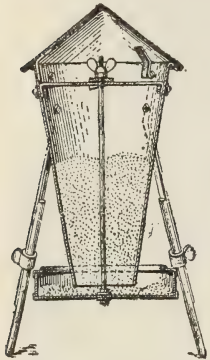
The exercise given by the action of the machine is just sufficient to keep the flock in perfect condition. If you are not **absolutely satisfied** with the machine in every respect, or find one objectionable feature, return it at our expense and we will at once refund your money.

... PRICE LIST ...

No. 1—	8 Quart Hopper	.	.	\$2.50
2—	14 " "	.	.	3.25
3—	20 " "	.	.	4.10
4—	32 " "	.	.	5.00



JERSEY AUTOMATIC SANITARY DRY FOOD HOPPER



FEEDING fowls properly is the secret of success with poultry. Getting the total value of the feed, or preventing waste, is the most important economy. These are two reasons why your poultry yards should contain the JERSEY AUTOMATIC SANITARY DRY FOOD HOPPER.

Whether you are a fancier of fine stock, a possessor of a few fowls for domestic needs, or a breeder for the markets, you are interested in saving your feed, and saving your fowls from the danger of unclean food.

Adjustable to All Kinds of Feeds. No Matter What You Feed It Will Never Clog.

... PRICES ...

Large Size, \$2.50

Medium Size, \$2.00

Small Size, \$1.50

Baby Chicks, 90c.

THE "OVERALL" FEEDER



Price: Poultry sizes, 8-qt.
50c.; 6-qt. 40c.

The "Overall" is one of the most practical and inexpensive Dry Feeding devices ever offered.

No clogging or waste of feed, always accessible.



Price: Chick Size, 30c.
each.



OPEN

SEXTON'S DRY FEED HOPPER

Easy To Fill. No Waste. Rat Proof. Dust Proof.

The lower cover is so arranged that it is held up by locking the top cover of Hopper over same and by raising the top cover the lower cover will fall in place.

This Hopper is arranged to hang on the wall the desired distance from floor and never need be removed from the wall to be refilled. It is impossible to waste any feed as the pan at the bottom takes any feed that may be picked out and the last crumb can be used, therefore saving any waste. The body being covered keeps feed dust-proof and clean, and is always dry.

Body made of Galvanized Iron and the grating is of round galvanized wire preventing the Poultry from cutting their bills.

Poultry Size \$1.00



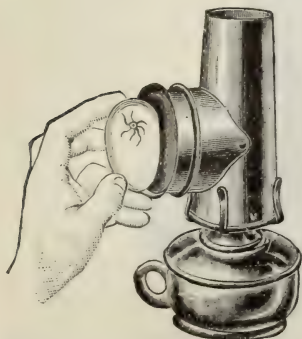
CLOSED



The Buckeye Self-Feeding Hopper

Made of Galvanized Iron, with three compartments for Shell, Grit and Charcoal. Will not clog.

Price 75c



EGG TESTER

Made of Tin, to fit either B or C Burner.

Makes a strong, powerful light for the egg so that any person can easily determine the fertility.

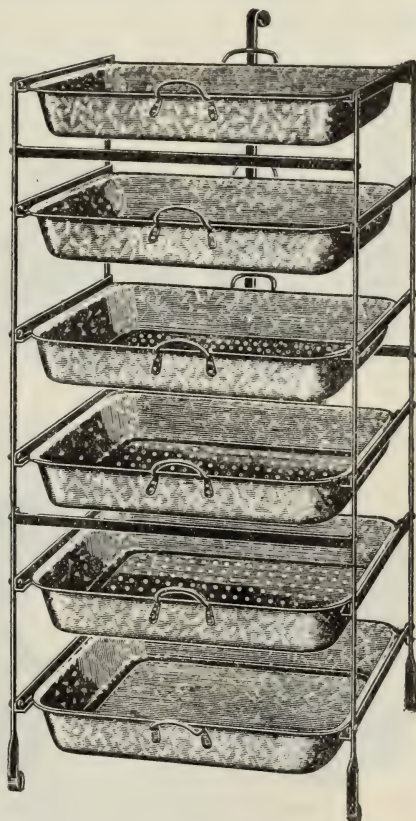
25 cents each.

Economy Oats Sprouter

The feeding of sprouted oats is no longer an experiment. Experience has proven its value as a food for stimulating egg production. Oats, sprouted in the right manner, furnish food most nearly akin to the fresh, green growth of Springtime, the prolific laying-time of the year. By feeding sprouted oats through the Winter, egg production can be kept up to a much larger degree than otherwise.

The Economy Oats Sprouter employs the natural process for sprouting. It has a natural drainage and is effective and economical to the highest degree.

Price \$5.50

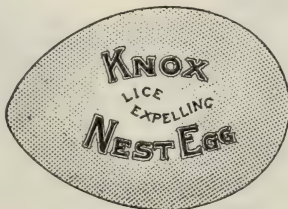


China Nest Eggs. Each, 5 cts.; per doz. 25 cents.

Wire Hen's Nest. Supported on walls by hooking over two nails. Each 15 cts.; \$1.25 per doz.

French Poultry Killing Knife. 50c. Post-paid.

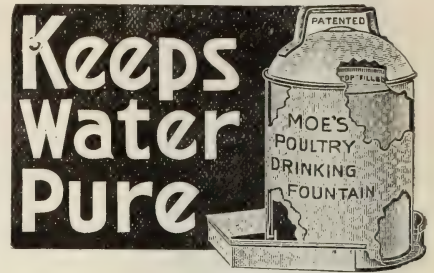
Angular Killing Knives. 50c. each, Post-paid.



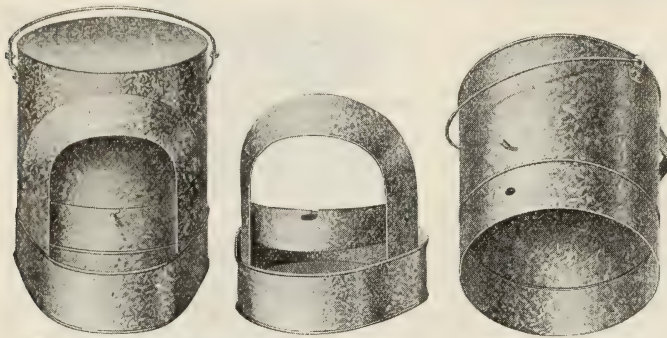
Drives away lice from laying or setting hens and clears the nests of vermin. Retains its strength, but gradually reduces in size. **5c. each, or 50c. per doz.**

MOE'S TOP-FILL DRINKING FOUNTAINS

These are sanitary because dirt cannot get into them; they are sealed and soldered so that it is absolutely impossible for impurities to enter the water. They are sanitary because the flow of water is regulated to the exact drop; your poultry cannot cause it to slop over; it gives just enough pure, fresh water all the time; the drinking space always is kept full of water, but it never runs over. They are sanitary because made of tested, galvanized steel of superior grade; will not rust, swell, crack or become slimy. They are proof against heat and cold; you can place them in the fierce heat of summer, yet the water always will remain cool and pure; you can place them in the open cold of winter, yet the water will be just right for drinking; the vacuum does the work.



1 Gallon	.	.	.	\$1.25
2 "	.	.	.	1.75
4 "	.	.	.	2.25



EASY ACCESS FOUNTAIN

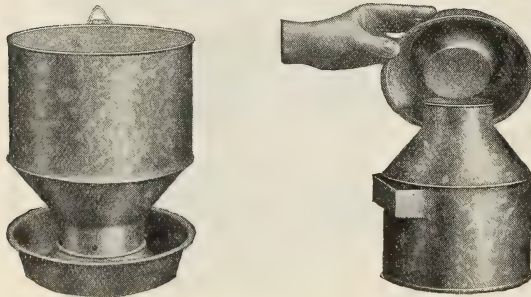
Made in Two Sections

It can be easily taken apart and thoroughly cleaned inside; can be filled quickly and easily carried around after filling. Made of galvanized iron, extremely simple, and cannot get out of order.

Price, 1 gal. 50c., 2 gal. 85c.

Sexton's Sanitary Drinking Fountain

Patented Oct. 10, 1911



A Fountain with all the good features.
Easily cleansed, sanitary and very durable.
Nothing to get out of order.

After the Fountain is filled it is a very simple matter to put on the bottom pan which is held in place by a friction fit. It is impossible to spill any water when turning the fountain, and this is a great advantage over other makes.

Made of galvanized iron and lock seamed which makes them practically "Indestructible."

This Fountain is arranged to be hung up, but may be used on the ground if desired.

Made in one size only. Capacity 4 Quarts, 60c. each.

NESCO SANITARY FOUNTAIN



Galvanized Pan and Cone Shaped Top. Easily cleaned.

Price, 1 qt. 25c., 2 qt. 30c.

Stoneware Drinking Fountains

1 qt. 25c., 2 qt. 35c., 3 qt. 45c.,
4 qt. 50c.

A. S. & L. "STERLING QUALITY" Egg Cases

The most complete Egg Case on the market, largely used by shippers,
and constructed to stand Rough Handling in Transit.

... PRICES ...

		EACH			EACH
8 dozen	.	\$.75	49 dozen	.	\$1.35
15 "	:	.95	56 "	:	1.50
30 "	:	1.15			

STANDARD GREEN BONE MILLS

No. 10, for bench use, crank handle,	\$ 6.75
" 9, for bench use, wheel handle,	8.80
" 8, with stand, wheel handle,	10.50
" 7, for bench use, wheel handle,	12.00
" 6, with stand, wheel handle,	14.50
" 3, for power or hand use,	17.75

MANN'S GREEN BONE MILLS

No.	Each
5-C with crank handle,	\$ 6.00
5-B with balance wheel,	8.00
5-B M with balance wheel and stand,	10.40
7 with balance wheel,	12.00
9 with balance wheel,	18.40
11, for power	26.00
12, for power	30.00

PILLING CAPONIZING SETS

Poultrymen can double their profits by Caponizing their chicks. The operation is very simple—the book of instruction sent with every set is so full and explicit that any one will be able to do the work.

Price, \$2.75, complete

SPIR-OL LEG BANDS

Black, White, Blue, Pink, Amber and Ruby.

On and off like a key ring.

25 cents a dozen, 50 cents for 25, 75 cents for 50, \$1.50 for 100.

The Perfection Shipping Crate

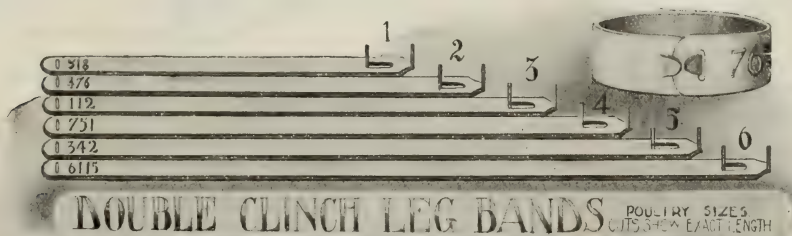
Made of strong but light wood and securely braced.

Price, \$1.00 each.



Price, postpaid, 25c. each.

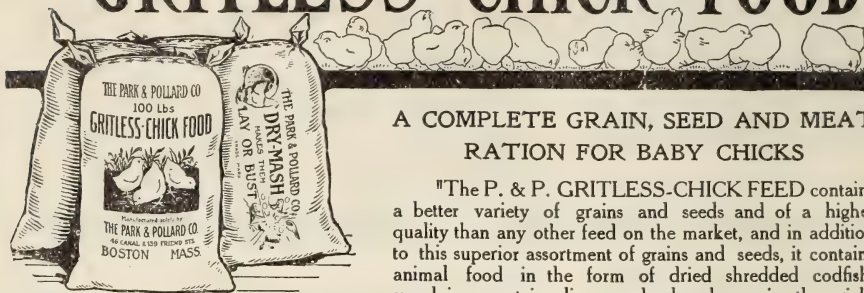
DOUBLE CLINCH LEG BANDS



Have an exceptionally strong fastening consisting of two clinches which close down over the ends of the band in such a way as to make it practically impossible to lose them off. In ordering state for what breed of fowl they are wanted. Prices, postpaid: 12, 15c.; 25, 25c.; 100, 75c.

... POULTRY FOODS ...

GRITLESS-CHICK FOOD



A COMPLETE GRAIN, SEED AND MEAT RATION FOR BABY CHICKS

"The P. & P. GRITLESS-CHICK FEED contains a better variety of grains and seeds and of a higher quality than any other feed on the market, and in addition to this superior assortment of grains and seeds, it contains animal food in the form of dried shredded codfish, supplying protein, lime and phosphorus in the right proportions, thus making a complete food which furnishes vegetable and animal food to the babies in the most digestible form, and presents it in the most appetizing manner."



DRY-MASH COMPELS RESULTS. IT'S LAY OR BUST WITH EACH AND EVERY ONE OF THEM

"When we tell you that our Dry-Mash makes them "Lay or Bust" every time, at all seasons of the year, — we mean what we say. It is impossible for a healthy hen to eat our Dry-Mash and not lay.

Not only does it produce eggs at a lower cost than any other feed, but it maintains the birds in better health, and does away with more than one-half the labor of caring for them.

In purchasing feeds, watch your protein analysis. A low protein feed at a low price costs you more per feeding value than a high protein feed at a much higher price, and we emphasize, — **this protein must be ANIMAL protein, not VEGETABLE protein.**"

THE MORE THEY SCRATCH — THE MORE THEY LAY — SCRATCHING IS THE NATURAL EXERCISE

CONTINUOUS SCRATCHING IS NECESSARY TO CONTINUOUS LAYING

"OUR SCREENED SCRATCH FEED is compounded to balance our DRY-MASH, and is always very carefully screened and composed of a combination of the best and sweetest of grains and seeds, which pleases the taste of the hen and at the same time keeps her everlastingly scratching. The exercise she gets in this way increases her activity, develops the muscles and blood vessels, helps digestion and circulation, reddens the comb, and assists in a general way to strengthen all the functions of the body."



NINE-TENTHS OF THE CHICKENS HATCHED DO NOT GET ENOUGH TO EAT

"After the chickens are ten days or two weeks old, our Growing Feed provides them with a continuous ration made up of a happy combination of the strongest and richest grains and meat food ground together in the most appetizing form for the chickens, and it so pleases their palate that they stuff themselves from one week's end to the other, and grow evenly and rapidly into highly developed pullets, cockerels, or capons, in one-third less time than they would under any other system.

This rapid growth and full development is just what our Growing Feed will do, for it gives a wide variety to feed upon, and so fully nourishes every part of the growing stock that they are always in good form and well feathered, with unlimited stamina that will reproduce itself in next season's breeding pen with even better and greater strength."

WRITE FOR QUOTATIONS.





STERLINGWORTH POULTRY CHARCOAL



THE BEST SELECTED AND CLEANEST CHARCOAL SOLD FOR POULTRY

STERLINGWORTH POULTRY CHARCOAL acts as an absorbent and destroyer of gases produced in the digestive tract when the system is out of order and also of impurities in the blood. It aids digestion, promotes health, and is generally corrective of many poultry ills. A little goes a long

way and is worth its weight in gold. No poultryman can afford to be without it.

Sterlingworth Poultry Charcoal is put up in four sizes and packed in strong 50 pound, paper-lined, burlap sacks; also in 2 pound cartons.

X (Fine Powdered) for Mash Food for ducks.

XX (Fine Granulated) for Chicks and Chick Food Mixtures.

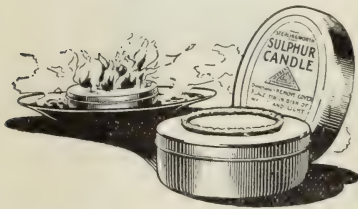
XXX (Medium Granulated) for Half-Grown Fowls, Pigeons, etc.

XXXX (Coarse Granulated) for Grown Fowls, Geese, Turkeys, etc.

PRICES: 50 pound paper-lined, burlap sacks, \$1.00 each; 2 pound cartons, 10 cents each.

STERLINGWORTH SULPHUR CANDLES

KILL INSECT PESTS AND DISEASE GERMS



STERLINGWORTH SULPHUR FUMIGATING CANDLES produce more vapor than any other candle sold at the same price. The candles are especially useful in ridding poultry houses, dog kennels, etc., of insect pests, as the vapor from it penetrates crevices not reached by other means.

PRICE: 15 cents each; postpaid, 20 cents.

STERLINGWORTH DIARRHOEA REMEDY

THIS REMEDY IS GUARANTEED TO GIVE SATISFACTION

IF IT FAILS WE REFUND
THE PURCHASE PRICE



A POSITIVE cluding that diag-
good to be true; for this
than any other disease.

and blasted hopes of a profit and a livelihood from poultry-raising, die yearly from diarrhoea, which could be saved if Sterlingworth Diarrhoea Remedy was used.

PRICE: Per box, sufficient for several flocks, 50 cents, postpaid.



cure and preventive for Diarrhoea, in-
nosed as White Diarrhoea, seems too
scourge has driven more poultrymen out of business

Millions of chickens, representing thousands of dollars



R OUP, which includes
Canker and Diph-
theretic Roup, is the most
dreaded and fatal disease
that Poultry dealers have
to deal with, and has been
considered incurable up to
the time that

"ROUPENE"
was discovered.

PRICE, 50 CENTS



PRICES: Trial size contains 27 tablets, sufficient to
medicate 130 lbs. of feed, 25c.; large size contains 81 tablets,
sufficient to medicate 400 lbs. of feed, 50c. postpaid.

Make Your Stock and Poultry Pay

You put fertilizer on the soil to make an increase yield. Did you ever think of giving a Cow or a Hen a Tonic to make them digest more?

The Medical writers and authorities give a number of ingredients that increase digestion—also recommend iron for the blood and nitrates to keep the kidneys regulated.

It's a fact, too, that a healthy animal wastes a large amount of feed by non-digestion.

Feed Poultry Pan-a-ce-a and convert the feed into Eggs, Bone, Feathers, etc., and at the same time keep poultry well.

DRS. HESS & CLARK make this proposition: Feed Dr. Hess' Stock Tonic or Poultry Pan-a-ce-a and if it fails to pay and pay **BIG**, bring back the empty package and your money will be refunded.

Dr. Hess' Pan-a-ce-a, 25c., 60c., \$1.25 Packages. 25 lb. Pails, \$1.85.

Dr. Hess' Stock Tonic, 25c., 50c., \$1.25, " 25 lb. Pails, \$1.60.

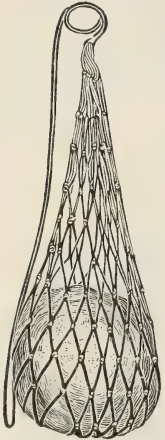
Dr. Hess' Dip and Disinfectant, 50c., 75c., and \$1.25 Cans.

Dr. Hess' Instant Louse Killer, 25c. and 75c. Packages.

Dr. Hess' Worm Powder, 50c. Package.

Dr. Hess' Heave Powder, 50c. Package.

Dr. Hess' Healing Powder, 25c. Package.



Carters Vegetable Holder

A very handy twine bag for holding vegetables, (cabbage, beets, turnips, etc).

Hang in the hen house or yard for poultry feeding.

Price, 25c. By mail prepaid, 30c.

... POULTRY SPECIALTIES ...

High Protein Beef Scraps
Fine Ground Raw Bone Meal

Kaffir Corn
Buckwheat

Bowker's Animal Meal
Alfalfa Clover Meal

Fish Meal
White Canada Peas
Barley
Fish Mash

XXX Oyster Shells
Granulated Bone
Poultry Grit

Chicken Grit

Tobacco Dust (in bulk)

Powdered Tobacco (in packages)

Sunflower

Hemp

Wheat

Hen-e-ta Bone

WRITE FOR QUOTATIONS

DAIRY SUPPLIES

SHARPLES CREAM SEPARATOR

"THE WORLD'S BEST"

**PAYS FOR ITSELF
TWICE EVERY YEAR
IN A 10-COW DAIRY**

**MORE BUTTER
AND BETTER PRICES
ARE THE UNIVERSAL
TUBULAR RECORDS**

Advantages of the Bottom Feed

Only Sharples Cream Separators receive the whole milk through the bottom of the bowl. All other separator bowls are fed through the top. Here are some great, exclusive advantages of bottom fed Dairy Tubular bowls:

Bowl hangs naturally—Never tips, leans or shakes.
Smallest diameter bowl—Double skimming force.
Simplest bowl—Easiest cleaned. Most durable.
Gentlest cream discharge—Finest cream.
Direct passage of milk through bowl—No mixing. Greatest capacity.
Bowl hung below bearing—No vibration. Lightest running.
Only one bearing—Least power, oil or wear.
Low supply can—Easy to fill. Steady. Milk always in sight.
Need not lift off to remove bowl.

All running parts enclosed. All parts quickly reached.

WRITE FOR CATALOGUE AND PRICES

THE STODDARD BARREL CHURN

This churn is made of the best kiln-dried oak. It is easily operated and will last for years. A very popular churn.

No.		Price
1	Ten Gallon, churns from 1 to 4 gals. cream,	\$ 7.50
2	Fifteen Gallon, churns from 2 to 7 gals. cream,	8.50
3	Twenty Gallon, churns from 3 to 9 gals. cream,	9.50
4	Twenty-five Gallon, churns from 4 to 12 gals. cream,	11.50
5	Thirty-five Gallon, churns from 5 to 19 gals. cream,	13.00
5½	Forty-five Gallon, churns from 5 to 20 gals. cream,	15.50
6	Sixty Gallon, churns from 6 to 28 gals. cream,	18.00



CYLINDER CHURN

Made of first quality pine and carefully finished, easily cleaned.
No. 1. 3 gallon capacity, \$2.00
No. 2. 4 gallon capacity, 2.50
No. 3. 7 gallon capacity, 2.75
No. 4. 10 gallon capacity, 3.00

BLANCHARD CHURNS

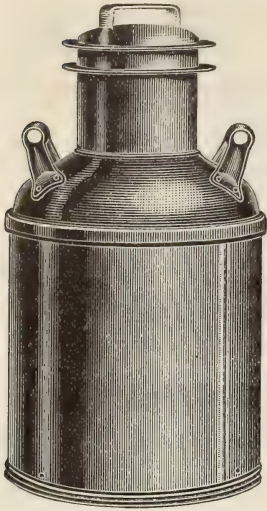
No. 3, churns 2 gallons,	. . . \$4.50	No. 6, churns 12 gallons,	. . . \$7.00
No. 4, churns 4 gallons,	. . . 5.00	No. 7, churns 16 gallons,	. . . 8.75
No. 5, churns 8 gallons,	. . . 5.75		

..... MILK CANS

WE CAN FURNISH ANY STYLE OR SIZE

Cream Cans, Cream Pails, Milk Pails

WRITE FOR QUOTATIONS



SHIPPING CANS

The Pura Milk Pail Hood

Every dairyman wishes to produce clean milk as a safeguard against having his milk rejected. The problem has been to find some convenient device to fit the pails already in use, without going to the expense of high-priced sanitary pails.

A Pura Milk Pail Hood placed on your open pail will produce absolutely clean milk. The milk passes under the hood and through clean straining material so protected that the milk does not touch the dirt already collected. The dirt falls on top of the Hood and the outer edge of the cloth. Consequently the milk from the last cow does not pass through the accumulated filth, as in the case of many sanitary pails now used.



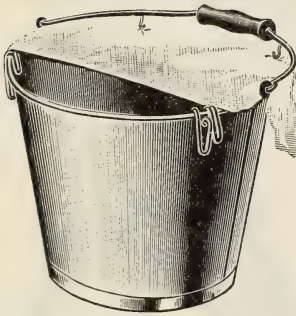
Price, 65c. By mail postpaid, 70c.

The Pura Dairy Pail Frame

The Pura Dairy Pail Frame is the most simple, convenient and least expensive device ever invented for producing clean milk. You do not buy a new pail, but place the frame on the one you are now using, the frame being constructed to give ANY SIZE opening wanted, from a half-covered pail to a three inch opening, by sliding the frame in either direction. Once adjusted it will stay firmly in place.

This Frame is of heavily tinned wire, practically indestructible, and easy to use.

Price, 50c. By mail postpaid, 55c.



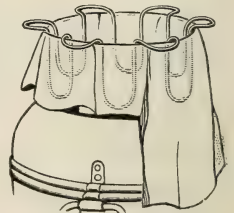
The Pura Can Strainer

A heavily tinned, spring-steel wire frame. Made in two sizes, for 20 to 40 quart cans and 8 to 12 quart. The outward pressure holds straining cloth firmly in place without slipping.

The larger strainer, 7½ inches in diameter, fits into the mouth of the can to a depth of six inches. The milk filters through the sides and bottom at the same time.

Large size, 60c. By mail postpaid, 65c.

Small size, 25c. By mail postpaid, 30c.

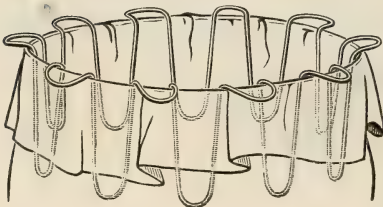


The Pura Cream Separator Frame

A heavily tinned, spring-steel frame warranted to hold the straining cloth firmly in place without slipping. Made to fit both square and round separator bowls.

In ordering state shape and dimensions of your separator bowl.

Price, 75c. By mail postpaid, 85c.





Planet Jr. Garden Tools



Planet Jr. Tools are better made, better finished and capable of a greater variety of work than any other on the market, and we guarantee them to be satisfactory in every way.

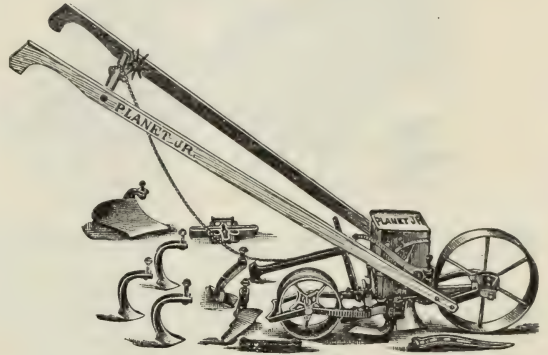
A 64 page catalogue will be sent FREE on application. By sending your orders to us you can rely on getting bottom prices.

No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

This tool combines, in a single convenient implement, a capital hill-dropping seeder, a continuous row seeder, an admirable single wheel hoe, an excellent furrower, a capital wheel cultivator and a rapid and efficient wheel garden plow. In a word, with a great variety of tools, excellent in design and quality, it is without an equal for easy adjustment, lightness, strength and beauty. It is a practical, every-day time, labor and money saver. It sows in continuous rows with great uniformity, and drops with accuracy in hills, 4, 6, 8, 12 or 24 inches apart. The feed is automatically stopped by raising the handles, and started by lowering them.

Price, Complete, \$11.00.

As a Seeder Only, \$9.00. Holds $2\frac{1}{2}$ Quarts of Seed



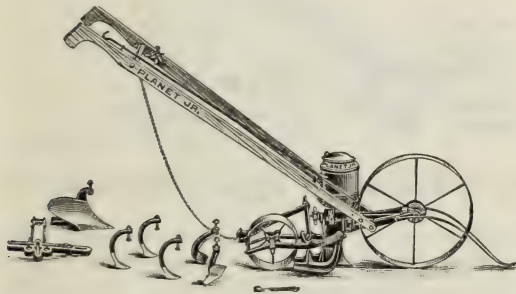
No. 6 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

What It Will Do. — It drops all garden seeds in hills and sows in drills, with the greatest regularity, in a narrow line, to any exact depth required, covers, rolls down and marks the next row, all at one passage. As a wheel hoe, it hoes, cultivates and plows all garden crops, completing a row at every passage, up to 16 inches in width.

The whole combination is the best and most useful we have ever offered. We advise buying the machine complete, as there is a considerable saving by doing so, but we sell the Seeder and the Wheel Hoe separately if desired.

Price, Complete, \$13.50.

As a Seeder Only, \$11.00. As a Wheel Hoe only (No. 36), \$6.25



No. 1 Planet Jr. Combined Drill Seeder, Wheel Hoe, Cultivator and Plow

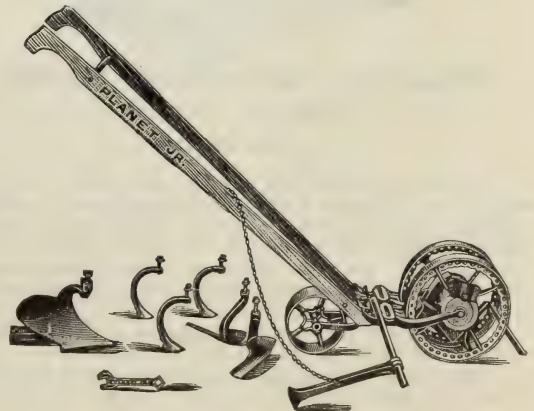
The Planet Jr. No. 1 Seeder has given complete satisfaction over 30 years and is used the world over, and except our hill and drill seeders the most perfect known.

The sowing cylinder is a drum of spring brass set between the driving wheels, with a sliding brass band and cam. In drum and band are corresponding diamond shaped discharge openings, quickly adjusted for any kind of seed. Inside the drum, shields cover the openings, and insure regular sowing with a full hopper or a thimbleful.

The index contains the names of the principal seeds. The drill is set right for any seed when the name appears through the slot. The change is made by opening the cam sliding the band to the required place, then closing it.

Price, with Tools as shown, \$9.50

Holds 3 Pints of Seed.

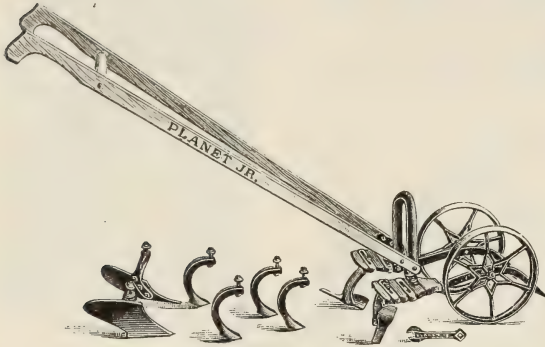




Planet Jr. Garden Tools



No. 12 Double Wheel Hoe, Cultivator and Plow



The Planet Jr. Double Wheel Hoes are the greatest cultivating tools in the world for the onion and small sugar beet grower, and also for every grower of garden crops from drilled seed. They do more and do it better and easier than can possibly be done in any other way. The frame is steel.

The hoes are the most valuable of all the wheel hoe attachments; are oil tempered and polished. Use the 6-inch for rows 12 inches and upward.

The plows are invaluable; use them with points together for opening furrows for manure, seed, etc.; then exchange sides for covering; use them also for plowing away from or toward the crop, both sides at once.

The cultivating teeth for deep or shallow work, and for marking out.

Price, \$7.00.

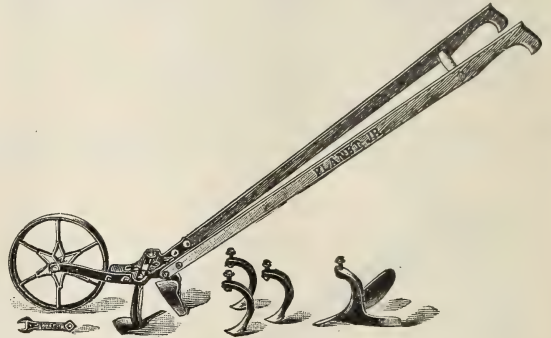
No. 17 Planet Jr. Single Wheel Hoe

We offer these Single Wheel Hoes as the highest type of their class. They have a great variety of tools which adapt the implements to a large variety of work, and there is scarcely any garden culture of which they are not capable.

The handles are adjustable in height. The frame is steel, convenient and strong with quick change device by which to exchange the tools without removing the nuts.

All our wheel hoe tools are of a special pattern, carefully tested by practical men; no others ever offered compare with them. All the steel parts are high carbon steel, oil tempered, finely formed, finished and polished and work to a charm.

Price, \$5.00.



No. 9 Planet Jr. Plain Cultivator

Is a light and very strong tool, having improved patent hollow steel standards, parallel and extra high steel frame, patent lever expanders, handle braces and side adjustments for handles. It is used either with or without a wheel, the wheel being preferred in most sections. For very narrow rows, the outside teeth and standards may be removed from the frame.

Price, with wheel, \$6.50.



Planet Jr. Twelve-Tooth Harrow

WITH NO. 9 WHEEL

Price, \$6.90.

Gardeners cultivate better than formerly. It has been found to pay best. With the Twelve-Tooth Harrow you go as deep or shallow as you like, come up close to row without injuring plants, cut out all the weeds, stir the soil and mellow and fine it as with a garden rake. You widen and narrow as you please between 12 and 32 inches. It's a special favorite with strawberry growers, market gardeners and truckers.

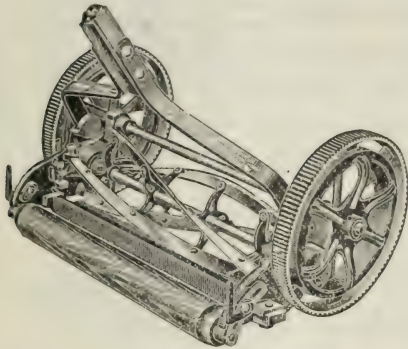
A strawberry runner cutter consisting of a 10-inch flat steel disc mounted on an outrigger. Extra. Price, \$1.85.

Beet Hoes for hoeing beets and all crops in rows from 15 to 30 inches. They do admirable work, leaving the ground level. Price, per pair, \$1.40.



LAWN MOWERS

The "Diamond" Ball Bearing Lawn Mower



Particular attention is given the construction of the Reel Bearings in this Mower; all Cups, Cones and Balls, are of high grade steel, carefully hardened, accurately ground and dust proof. It is self sharpening and runs easy.

11 inch DRIVE WHEELS.

DIRECT DRIVE GEARS.

RATCHETS: Solid with Pinion.

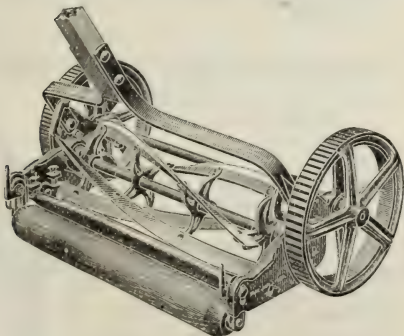
4 REEL BLADES: Selected Knife Steel.

CUTTER BAR BLADE: Crucible Steel with hardened turned up lip.

It is without question the best four blade Ball Bearing Mower on the market.

Prices. 14 in. \$7.50, 16 in. \$8.00, 18 in. \$8.50.

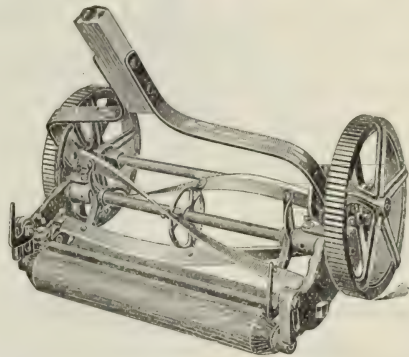
The "Electric" Ball Bearing Mower



This is our best medium priced machine. It has a nine inch drive wheel, also the closed hub with special oil retaining chamber.

Prices. 14 in. \$5.50, 16 in. \$5.75, 18 in. \$6.00.

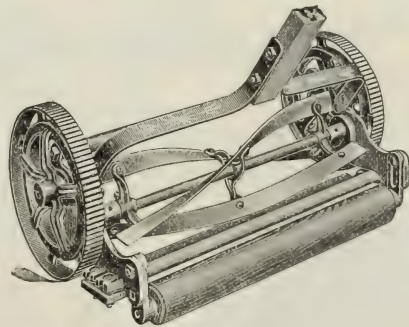
The "Norka" Lawn Mower



This machine is a popular moderate priced mower. It is of three blades and embodies in its construction the special features of the medium priced machines. All materials are of the best and the cutting parts are perfectly ground and fitted.

Prices. 14 in. \$3.50, 16 in. \$3.75, 18 in. \$4.00.

"Little Shaver" Lawn Mower



DRIVE WHEELS: 8 inch.

GEARS: Direct Drive.

RATCHETS: Solid with Pinion.

CUTTING REEL: $4\frac{3}{4}$ in. Diameter.

REEL BLADES: Three. Selected Knife Steel.

CUTTER BAR BLADE: Selected Knife Steel.

PARALLEL ADJUSTABLE BEARINGS.

WIDTH OF CUT: 12, 14 and 16 in.

Price. Each size, \$2.75.

Brandt "Ideal" Spraying Outfit



This outfit has been designed to fill the requirements of the small Gardener and Fruit Grower. It is light, compact and easy to operate. The tank holds fifteen gallons, is mounted so that the liquid will not slop or spill, and in a way that makes it

easy to handle. The pump spreads across the top of the tank and is held firmly in place by a thumb nut. It has the largest air chamber of any spray

pump of corresponding size. This enables the operator to keep a uniform pressure at the nozzle.

The pump barrel is $1\frac{3}{4}$ " in diameter, 7" in length. The valves are bronze balls $\frac{5}{8}$ " in diameter which allows free passage for the liquids and prevents clogging. Both valves are removable. A pressure of one hundred and fifty pounds can easily be maintained.

A mechanical agitator keeps the liquid well stirred. The pump has the following equipment;

- 10 feet 3-8" Pressure Hose.
- 10 feet Pipe Extension, in three pieces.
- 1 T Handle Shut-off Cock ;
- 1 Brandt "IDEAL" Nozzle.

PRICE, \$15.00

Brandt "Imperial" Spray Outfit

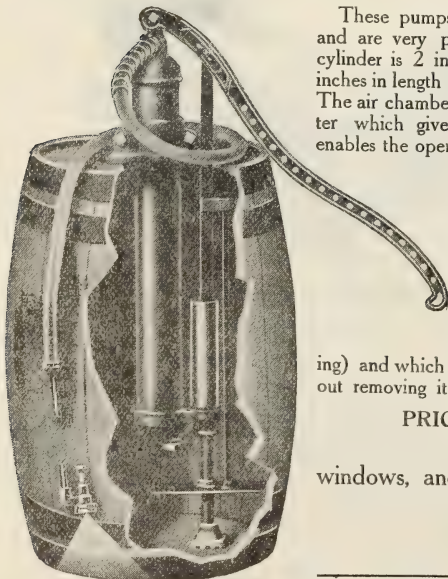
This outfit is complete and ready for operation. Holds thirty-two gallons. Is mounted on two 30 inch wheels with 2 inches oval face, balanced with sufficient weight on the handles to hold it steady on rough surfaces. The pump is held in place by two strong castings and may be adjusted up or down to suit the height of the operator. A mechanical agitator keeps the liquid well mixed. All valves and working parts are brass and the outfit has the following equipment :

- 10 Feet 5-Ply Pressure Hose;
- 1 T Handle Shut-off Cock.
- 10 Feet Pipe Extension (in three pieces).
- 1 Single "IDEAL" Nozzle.

PRICE, \$17.00

BARREL SPRAY PUMP

No. 5 a King

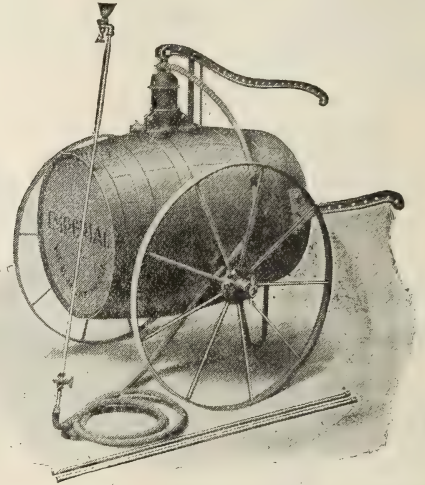


These pumps are of large capacity and are very powerful. The pump cylinder is 2 inches in diameter by 7 inches in length with a $4\frac{1}{2}$ inch stroke. The air chamber is 3 inches in diameter which gives great capacity and enables the operator to maintain a uniform pressure. The valves are $\frac{5}{8}$ inch bronze balls and can be removed without taking the pump apart. The pump plunger is a special design—(no rubber or leather being used in its packing) and which can be tightened without removing it from the cylinder.

PRICE, \$8.00

windows, and spraying tall trees, chicken houses, etc.

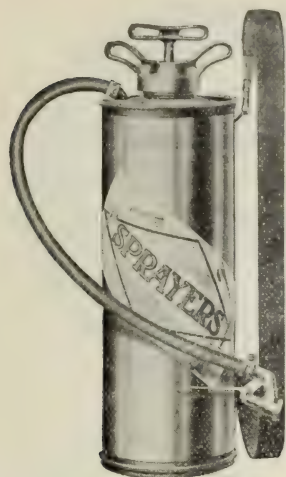
PRICE, \$2.50



BRANDT BUCKET PUMP

Made all of brass with large air chamber, which gives a uniform pressure. Ball valves. Reversible nozzles. High grade pressure hose fastened with patent clamps. Very powerful—will throw a stream 50 feet. Fine for washing buggies,





THE "PERFECTION" SPRAYER

This is a Sprayer of the high pressure type. It is larger, stronger and much more powerful than anything in its class. The barrel is $7\frac{1}{2}$ " in diameter, 20" high. The pump is $1\frac{3}{4}$ " seamless brass tubing. The valves are METAL. The top is fastened after the style of the best makes of fire extinguishers. The hose is 5-ply cloth inserted. The nozzle is the well known Automatic type. Capacity of Sprayer, $3\frac{1}{4}$ gallons. Weight, $9\frac{1}{2}$ lbs. All Sprayers tested to 60 lbs. before leaving factory.

This Sprayer will handle whitewash, water, paints, Bordeaux mixtures, etc., perfectly. For whitewash and all heavy mixtures it is necessary to use a No. 2 Cap in nozzle, which is furnished with Sprayers.

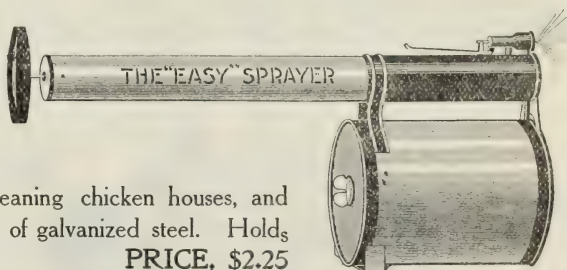
BRASS, \$6.00. GALVANIZED STEEL, \$4.25

The "EASY" SPRAYER

COMPRESSED AIR

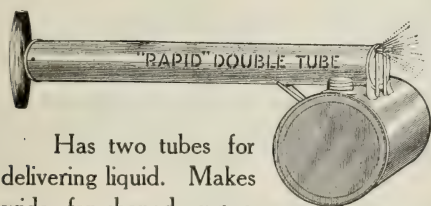
This Sprayer has a large and strong pump, Automatic shut-off nozzle, legs under tanks.

Can be used for whitewashing, disinfecting and cleaning chicken houses, and is very desirable for large gardens, etc. It is made of galvanized steel. Holds one gallon.



PRICE, \$2.25

THE "RAPID" DOUBLE TUBE



Has two tubes for delivering liquid. Makes wide fan-shaped spray. Galvanized steel. Holds one quart.

PRICE, 40c.

THE "MISTY SINGLE" ACTION



A low cost Sprayer, made of heavy tin—a general purpose machine. Holds one quart.

PRICE, 30c.

THE ACRE-AN-HOUR SIFTER

The ideal sifter For Farm Use for applying BUG DEATH DRY. A remarkably effective and distinctly economical method. Easy to operate and gives quick covering to all plants and vines requiring a top application.

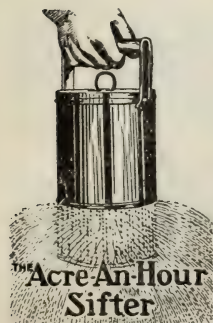
Experience has proven that the liberal use of BUG DEATH three or four times in a season is most economical, as it saves going over many, many times, as is the case

DICKEY BUG DEATH DUSTER



For applying BUG DEATH, DRY, to small flower or vegetable gardens. It is a mighty handy thing to have around the house.

PRICE, 25c.



with arsenical poisons.

PRICE, 75c.

STERLINGWORTH WEED KILLER

FOR ALL WALKS, DRIVES, TENNIS COURTS AND
SUCH PLACES WHERE NO VEGETATION IS DESIRED



BEFORE

AFTER

STERLINGWORTH WEED KILLER is the most powerful and effective weed destroyer known for use on walks, drives, dirt tennis courts, golf links, etc., or where the killing of all vegetation is desired. It is a dry powder which easily dissolves in cold water.

PRICES: 1 pound package, 50 cents; 3 pound package, \$1.25; 5 pound package, \$2.00.



STERLINGWORTH WHALE OIL SOAP WITH TOBACCO

KILLS LICE AND ALL SUCKING INSECTS ON
TREES, SHRUBS, PLANTS, VINES AND ROSE BUSHES

STERLINGWORTH WHALE OIL SOAP AND TOBACCO

is different from the so-called Whale Oil Soap usually sold for agricultural use.

It is different in strength, different in efficiency and more desirable in many ways. It is a compound of Whale Oil

and Fish Oil, the efficiency of which is greatly increased by the addition of tobacco extractive matter. It possesses all the valuable features of Whale Oil or Fish Oil Soap, and the additional insecticide values of tobacco, and can be used for any purpose for which Whale Oil or Fish Oil Soap is used, with doubly satisfactory results.

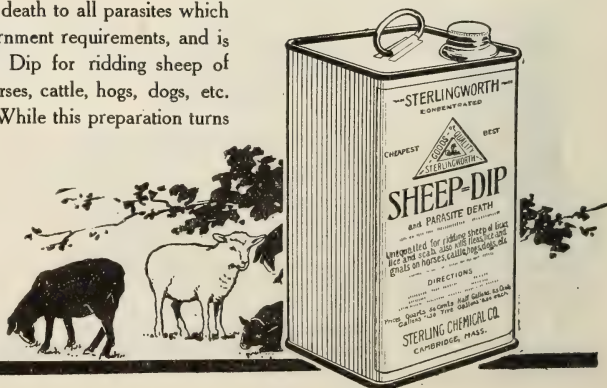
PRICES: 1 pound box, 15 cents; 5 pound box, 60 cents; 10 pound box, \$1.00.

STERLINGWORTH SHEEP DIP

THIS preparation is a very concentrated fluid and is sure death to all parasites which infect sheep, cattle or hogs. It conforms to the government requirements, and is unequalled for preparing an effective and economical Dip for ridding sheep of ticks, lice and scab; also kills fleas, lice and gnats on horses, cattle, hogs, dogs, etc.

One gallon makes 50 to 60 gallons of strong dip. While this preparation turns the water to a milky white, it should not be confused or compared with liquid disinfectants or other fluids which have this effect. Full directions on every can.

PRICES: 1 quart cans, 50 cents; ½ gallon cans, 85 cents; 1 gallon cans, \$1.50; 5 gallon jacket cans, \$6.00 each.





INSECTICIDES

GRASSELLI Spray Products have already established for themselves a reputation among fruit growers and truck growers who spray.

GRASSELLI ARSENATE OF LEAD

THE superior qualities of this article as an insecticide are already well known. The arsenic is the poisoning agent. The lead serves two purposes; it acts as a binder, holding the arsenic upon the foliage and forms a strong chemical union with the arsenic, reducing to the minimum Soluble Arsenic, which causes foliage injury.

It contains less than $\frac{1}{2}\%$ Soluble Arsenic and will not injure the most delicate foliage when used according to directions.

Packed in 600 pound barrels, 300 pound barrels, 100 pound kegs, 50 pound kegs, 20 pound kegs, 10 pound kegs, 5 pound earthenware jugs, 2 pound glass jars, 1 pound glass jars.

GRASSELLI LIME SULPHUR SOLUTION

THE value of Lime Sulphur Solution as an Insecticide and a Fungicide is due entirely to the actual combined Lime and Sulphur in Solution.

Grasselli Lime Sulphur Solution contains 33% combined lime and sulphur in solution at 32 to 33 degrees Beaume, the maximum that will stay in solution under the various climatic conditions to which it is liable to be exposed.

Lime Sulphur Solution has largely replaced Bordeaux Mixture and other copper sprays because it can be used strong enough to control Fungi without serious injury to fruit or foliage.

Put up in barrels, $\frac{1}{2}$ barrels, 5 gallon cans, 1 gallon cans, 2 quart cans, 1 quart cans.

WRITE FOR BOOKLET AND PRICES

Sterlingworth Hellebore FOR LEAF EATING INSECTS

NO preparation is so satisfactory and generally effective against Rose Slugs, Currant Worms and all other leaf-eating insects as pure White Hellebore; but it must be pure and strong to give good results.

Sterlingworth Hellebore is ground from pure, fresh, prime White Hellebore Root, carefully cleaned before grinding.

Sterlingworth Hellebore is put up in patent, air-tight, sifter-top boxes. This box is so constructed that the perforations forming the sifter-top can be closed after being opened and thus conserve the strength of any powder remaining unused.

Hellebore may be used dry or as a spray. Full directions on each package.

PRICES: $\frac{1}{4}$ pound box, 10 cents; $\frac{1}{2}$ pound box, 15 cents; 1 pound box, 25 cents.





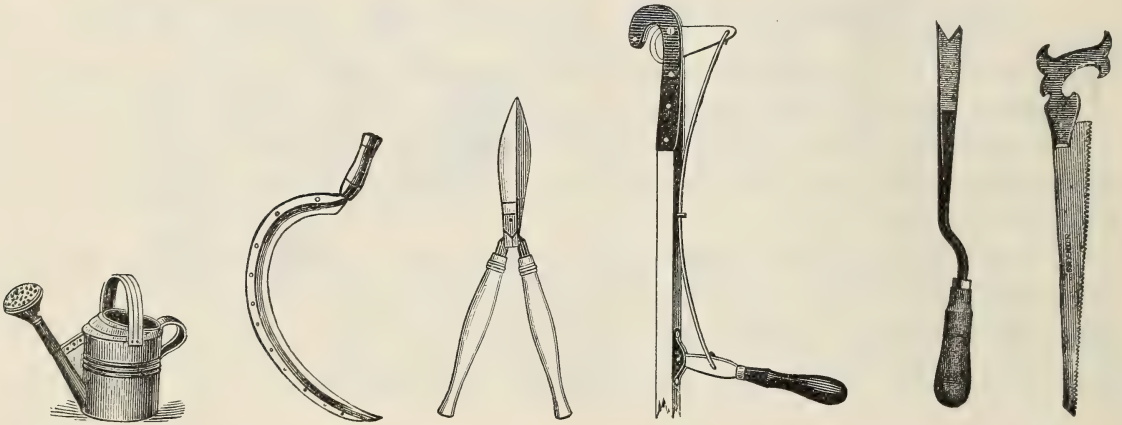
EVERLASTIC ROOFING

Everlastic Roofing is a strong, pliable fabric so made, by thoroughly saturating the best grade of wool roofing felt with a non-volatile water-proofing composition, which also preserves the fiber and keeps the roofing flexible in all temperatures.

Everlastic Roofing is not affected by change of temperature. It will not shrink or crack in winter weather, or run during the hottest days. Sparks, live embers, etc., falling on this roofing, will not more than char the spot they cover. It makes an air-tight, water-tight, waterproof roof, and meets every requirement of a practical and serviceable roofing material.

Everlastic Roofing is made 32" wide, put up in rolls containing 108 square feet, sufficient to cover 100 square feet allowing for a 2" lap. Made in 1, 2 and 3 plies.

Prices: Per roll, 1 ply, \$1.50 2 ply, \$2.00 3 ply, \$2.50



We Carry a Full Line of Horticultural Implements including:—

FORKS

HOES

TROWELS

SPADES

SHOVELS

RAKES

GRASS HOOKS

GRASS SHEARS

GARDEN REELS

GRAFTING KNIVES

TREE PRUNERS

PRUNING KNIVES

SHEARS, ETC., ETC.

FERTILIZERS

THE "SAGADAHOC"

MAINE GOODS FOR MAINE FARMERS

We have secured the agency for this line of fertilizers, made at Bowdoinham, Maine. Their quality is shown by the big crops they have been growing for over 30 years, and the fact they have averaged \$3.30 per ton in value above guarantee for the past four years.

The list below includes fertilizers for any purpose you may require.

3-6 & 10 for Potatoes	Yankee for General Purposes
4-6 & 10 " "	Sagadahoc High Grade Superphosphate for All Crops
6-6 & 6 " "	Dirigo for Grass and Grain
5-8 & 7 " "	Honeysuckle for Clover
Special Potato	XX Chemical for Top Dressing and Oats
Aroostook Potato Manure	Sagadahoc Special Corn

ASK US FOR CATALOGUE AND PRICES

WE ARE AGENTS FOR

Lister's Agricultural Chemical Works

Sole Manufacturers of the original Lister Bros.

BONE FERTILIZERS, GROUND BONE, ETC.

Write for Quotations

CHEMICALS

Acid Phosphate
Dissolved Bone Black
Dried Blood
Kainit
Muriate of Potash

Nitrate of Soda
Sulphate of Ammonia
Sulphate of Potash
Tankage

WRITE FOR PRICES

BORDEAUX LIME

Price. Per Bag (100 lbs.), 85c.

SHREDDED CATTLE MANURE

Pure—dry—uniform and reliable. The best of all manures for the greenhouse. Florists are using it instead of rough manure. Unequalled for all field use.

Price. Per Bag (100 lbs.), \$1.50.

AGRICULTURAL LIME

Price. Per Bag (100 lbs.), 60c.

LAND PLASTER

Price. Per Bag (200 lbs.), \$1.00.

" Per Bag (100 lbs.), .60.

HARD WOOD ASHES

Price. Per Bag (100 lbs.), \$1.00

BOWKER'S PLANT FOOD

An odorless Fertilizer for House Plants.

Price. Per Package (Small), 15c.

" Per Package (Large), 25c.

PULVERIZED SHEEP MANURE

Pure manure and nothing else. The best fertilizer for carnations and for liquid top dressing.

Price. Per Bag (100 lbs.), \$2.00.

STERLINGWORTH PLANT TABLETS

A NEW INVIGORATOR FOR HOUSE PLANTS AND VEGETABLES

STERLINGWORTH PLANT TABLETS are a clean, odorless, concentrated, plant stimulant and invigorator. Their use promotes healthy, vigorous leaves and branches, and insures beautiful, luxuriant flowers. They build up the soil scientifically, and make frequent renewal of soil less important. The large amounts of waste matter in what is commonly known as "liquid manure," and "bone plant foods," which pollute the soil, and are many times accompanied by disagreeable odors, are absent in these excellent stimulating tablets. If you want luxuriant, healthy plants, ferns and beautiful flowers, these tablets are just what you are looking for.

PRICES: Large box (250 tablets) sufficient for 35 plants 8 months, 50c postpaid medium, (100 tablets) sufficient for 35 plants 3 months, 25c postpaid; trial size, 10c.



STERLINGWORTH

PLANT TABLETS

THEY DOUBLE THE BLOOM

PARCHMENT BUTTER PAPER

FOR WRAPPING AND COVERING BUTTER

For Layers and Caps on top of Tubs, Jars, Tumblers, etc., of butter, Cheese, Lard, Preserves, Pickles, Mince Meats, etc.

Better, Cheaper and More Convenient to use than ordinary Muslin.

It is pure and free from adulterations.

PRICE, 15 CENTS PER POUND.

Milk Scales

Butter Ladles

Butter Spades

Butter Bowls

Glass Floating Dairy Thermometers

Incubator Thermometers

Milking Tubes

Acid Measures

Milk Pipettes

Wire Milk Bottle Carriers

Milk Bottles

Cream Bottles

Graduating Glasses

Milk Bottle Caps

Separator Oil



SMALL'S CALF-FEEDER

Price, \$2.50

Extra Nipples, 25 cents each

One Pound Paper Butter Boxes

W. & R. BUTTER COLOR

RICE'S CALF WEANER

KOW-KURE

GRANGE GARGET CURE

PILLING MILK FEVER OUTFIT

PILLING TEAT EXPANDER

PILLING TEAT PLUG

BUG DEATH



BUG DEATH is absolutely harmless to the life of the plant and because this is so, is just the reason it is so vastly superior to any other insect destroying preparation.

Kills all bugs and worms that chew the leaves and foliage.

Contains no Paris Green or Arsenic.

May be used dry or in solution.

Pat. March 16 and Nov. 9, 1897

1 lb. pkg., 15c.; 3 lb. pkg., 35c.; 5 lb. pkg., 50c.;

12½ lb. pkg., \$1.00; 100 lb. keg, \$6.50.

JANITORS' SUNDRIES

IN THIS DEPARTMENT
WE CARRY A COMPLETE STOCK OF SUPPLIES
FOR THE JANITOR or
FOR THE HOUSEHOLD,
such as:—

Brooms

Whisk Brooms

Floor Brushes

Dust Brushes

Furniture Brushes

Radiator Brushes

Scrub Brushes

Window Brushes

Nail Brushes

Dustless Mops

Mop Handles

Mop Wringers

Wash Tubs

Wash Benches

Wringers

Clothes Dryers

Clothes Line

Star Fibre Pails

Feather Dusters

Woven Down Dusters

Dustless Dusters

Baskets for the

Office and General Use

Cotton Mops

Dry Mops

Wyandotte Detergent

Wyandotte Cleaner and Cleanser

Wooden Pails

Galv. Iron Pails

Galv. Iron Garbage Cans

Galv. Iron Ash Barrels

Dust Pans

Metal Polish

Liquid Cleaner

Sweeping Compound

YOUR PATRONAGE OF THIS
DEPARTMENT IS SOLICITED



MORSE'S GOLDEN CREAM SWEET CORN